Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

Library, Bureau of Plant Industry
Current Author Entries, 1921, List 74.
Indexed - January 3 - 14, 1922.

Agr. Gaz. N.S.W.
Darnell-Smith, G.P.
Fungicidal dusts for the control of "smut" Agr. Gaz. N.S.W. 32: 796-798 N.1921 no.11

Agr. News.
Ashby, S.F.
Antiseptic treatment and water-proofing of tree wounds Agr. News 20: 398 D.10,1921 no.512

Amer. For.
Illick, J.S.
The maples Amer. For. 28: 12-19 illus. Ja.1922 no.337

Mattoon, W.R.
Botanic garden and arboretum for the nation Amer. For. 28: 8-11 illus. Ja.1922 no.337

Amer. Journ. Sci.
Clokey, I.W.
Carex notes Amer. Journ. Sci. V, 3: 88-91 pl.ii Ja.1922 no.13
C. apoda, C. paysonis

Ann. Bolus Herb.
Delf, E.M. & M.R.Michell
The Tyson collection of marine algae Ann. Bolus Herb. 3: 89-119 D.1921 no.2
References: p.119

Dümmer, R.A.
Notes on Acmadenia B. and W. with a description of one new species and one new variety Ann. Bolus Herb. 3: 86-88 D.1921 no.2
A. marlothii

Novitates africanae Ann. Bolus Herb. 3: 70-86 pl.3-5 D.1921 no.1
Principally Erica, Restio

Schonland, Selmar.
A new genus of Crassulaceae Ann. Bolus Herb. 3: 67-69 pl.iii D.1921 no.2
Pagella archeri

Schonland, Selmar
W. Tyson, F.L.S. Ann. Bolus Herb. 3: 120-121 port. D.1921 no.2

Ann. Mycol.
Petrak, F.
Mykologischen notizen III Ann. Mycol. 19: 176-223 1921 no.3/4

Sydow, Hans.
J. Bornmüller: Plantae Macedoniae. Pilze Ann. Mycol. 19: 243-254 1921 no.3/4

Sydow, Hans
Die verwertung der verwandtschaftsverhältnisse und des gegenwärtigen entwicklungsganges zur umgrenzung der gattungen bei den uredineen Ann. Mycol. 19: 161-175 1921 no.3/4
Establishes many new genera.

Zahlbruckner, Alexander.
Neue flechten IX Ann. Mycol. 19: 224-242 1921 no. 3/4

Beih. Bot. Centralbl.
Endriss, Wilhelm
Das pflanzenleben der Bithynischen halbinsel Beih. Bot. Centralbl. abt. II, 38: 399-409 pl.ii (map) N.1921 no.3

Beih. Bot. Centralbl.

Bornmüller, Josef
Kleiner beitrag zur kenntnis der flora des steppengebietes am oberen Euphrat sowie Nord-Syriens. Beih. Bot. Centralbl. abt.2, 38: 431-457 pl.iii N.1921 no.3
"Aus der neueren literatur ist als wichtigstes hervorzuheben": p.432-433.

Bornmüller, Josef
Ueber ein neues Alyssum der flora Syriens und bemerkungen über einige andere annuelle arten der sektion eu-Alyssum Beih. Bot. Centralbl. abt. II, 38: 478-481 N.1921 no.3
A. pyramidatulum.

Bornmüller, Josef
Zur gattung Centaurea Beih. Bot. Centralbl. abt. II, 38: 458-473 N.1921 no.3

Bornmüller, Josef
Was ist Vincetoxicum haussknechtii M. Schulze? Beih. Bot. Centralbl. abt.2, 38: 474-477 N.1921 no.3
V. officinale var. haussknechtii

Keisserl, Karl von
Pilze aus Salzburg Beih. Bot. Centralbl. abt. II, 38: 410-430 N.1921 no.3

Schellenberg, Gustav
Die sammlungen des Kieler Universitätsherbars Beih. Bot. Centralbl. abt. II, 38: 389-398 N. 1921 no.3

Tröndle, Arthur
Ueber den einfluss von verwundungen auf die permeabilität nebst ergänzenden beobachtungen über die wirkung des sauerstoffentzugs Beih. Bot. Centralbl. abt. II, 38: 353-388 N.1921 no.3
Literatur: p.387-388

Berry Grow.

Frank, Arthur
Anthracnose of blackberries, logans and raspberries Berry Grow. v.2, no.2, p.6, 15 illus. D.1921

Bol. Acad. Nac. Cienc. Cordoba

Spegazzini, Carlos
Mycetes chilensis Bol. Acad. Nac. Cience, Cordoba 25: 1-124 illus. 1921

Bull. Écon. Indochine

Bois, Desiré
Une nouvelle plante alimentaire pour l'Indochine Cucurbita ficifolia Bouché Bull. Écon. Indo-Chine 24: 241-243 My./Je.1921 [Rec'd Dec.] no.148

Lemarié, Charles
May-chau (noyer du Tonkin) Bull. Écon. Indo-Chine 24: 244 pl. My./Je.1921 [Rec'd Dec.] no.148

Bull. Inst. Egypte.

Mosseri, V.M.
La chlorose de la canne à sucre en Egypte Bull. Inst. Egypte 3: 1-12 pl.i-v 1921

Bull. Soc. Hist. Nat. Afr. Nord

Battandier, J.A.
Récoltes botaniques au Maroc de M. le docteur Nain Bull. Soc. Hist. Nat. Afr. Nord. 12: 187-191 1921 no.8
Alsine maroccana, Ononis nainii Sedum jahandiezii, Chrysanthemum maroccanum new spec.

Bull. Soc. Hist. Nat. Afr. Nord.
Maire, René
Champignons nord-africains nouveaux ou peu connus
(2. fasc.) Bull. Soc. Hist. Nat. Afr. Nord. 12:
191-192 1921 no.8
Ustilago monermae n. sp.

Maire, René
Contributions à l'étude de la flore de l'Afrique
du Nord (3. fasc.) Bull. Soc. Hist. Nat. Afrique
Nord 12: 180-187 1921. no.8
Viola (Melanium) dyris, Laburnum platycarpum,
Lefuentea jeanpertiana, Narcissus watieri n. sp.

Bull. Soc. Mycol. France
Bourdot, H. & Glazin, A.
Hymenomycétes de France (RII, Stereum) Bull.
Soc. Mycol. France 37: 117-130 N.1921 no.3

Chifflot, Jean
Sur quelques troubles provoqués par l'ingestion
de Inocybe rimosa B. Bull. Soc. Mycol. France
37: 139-140 N.1921 no.3

Gruyer, P.
Observations sur la biologie du Tuberculina
persicina Ditm. Bull. Soc. Mycol. France 37: 131-
133 N.1921 no.3
Bibliographical footnotes

Bull. Stat. Rech. For. Nord Afr.
Battandier, J.A.
Labiée ligneuse du Maroc constituant un nouveau
type générique Bull. Stat. Rech. For. Nord
Afr. 1: 200-201 pl.xxi Je.1921 no.6
Pitardia nepetoides

Maire, René
Les Adenocarpus de l'Afrique du Nord Bull.
Stat. Rech. For. Nord Afr. 1: 211-217 pl.xxii-
xxiii Je.1921 no.6

Bull. Torr. Club
Kern, F. D.
Distribution of Berberis vulgaris in Pennsylvania
Bull. Torri Club 48: 263-269 O.1921 [Ja.1922] no.10
Contr. Dept. Bot. Penn State Coll. no.32

Steil, W.N.
The development of prothallia and antheridia from
the sex organs of Polypodium irioides Bull. Torr.
Club 48: 271-277 illus., pl.4 O.1921 [Ja.1922]
no.10

Compt. Rend. Acad. Agr. France
Cadoret, Arthur
La lutte contre le mildiou de la givne
Compt. Rend.Acad.Agr.France 7: 831-834 D.1921 no.38

Compt. Rend. Acad. Sci. Paris
Bertrand, Gabriel & Mme. M. Rosenblatt
Sur la répartition du manganèse dans
l'organisme des plantes supérieures Compt. Rend. Acad.
Sci. Paris 173: 1113-1120 N.1921 no.22

Dauphiné, André
Production expérimentale de l'accélération dans
l'évolution de l'appareil conducteur Compt.
Rend. Acad. Sci. Paris 173: 1111-1113 illus.
N.1921 no.22

Freundler, P., Y. Meanger & Y. Laurent.
La composition des laminaries Compt. Rend.
Acad. Sci. Paris 173: 1116-1118 N.1921 no.22

Mellor, Ethel
Les lichens vitricoles et leur action mécanique
sur les vitraux d'eglise Compt. Rend. Acad.
Sci. Paris 173: 1106-1108 N.1921 no.22

Compt. Rend. Acad. Sci. Paris

Obaton, Fernand.
Structure comparée des feuilles de même âge et de dimensions différentes Compt. Rend. Acad. Sci. Paris 173: 1113-1116 N.1921 no.22

Plantefol, Lucien.
Sur de épis tératologiques du Plantago lanceolata L. Compt. Rend. Acad. Sci. Paris 173: 1108-1111 N.1921 no.22

Contr. U.S. Nat. Herb.

Blake, S.F.
New plants from Guatemala and Honduras Contr. U.S. Nat. Herb. v.24, pt.1 32 p. 10 pl. Ja.11, 1922

Pittier, Henri
New or noteworthy plants from Colombia and Central America no.8 Contr. U.S. Nat. Herb. v.20, pt. 12 p.453-490 pl.27-30 Ja.1922

Cuba Rev.

Mell, C.D.
Three familiar Cuban trees Cuba Rev. 20: 11-17 illus. D.1921 no.1
Mango, redwood (Adenanthera pavonina), Ramon tree (Trophis racemosa)

Flow. Grow.

Brown, C.W.
Gladilus nomenclature Flow. Grow. 9: 14 Ja.1922 no.1

Gard. Chron.

Brotherston, R.P.
A treatise on husbandry and gardening Gard. Chron. III, 70: 300-301 D.10,1921 no.1824
A treatise of husbandry and gardening... by R. Bradley 1721 (later A general treatise &c)

Brown, N.E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 70: 289-290, 303, 311 illus. D.3,10,17,1921 no.1823-25
M. orpenii, M. recumbens n.sp. p.303; Glottiphyllum Haw., p.311

Collins, E.J.
The problem of the inheritance of immunity to wart disease in the potato (cont.) Gard. Chron. III, 70: 290, 314 D.3,17,1921 no.1823,1825

Farrer, R.J.
Mr. Reginald Farrer's second exploration in Asia no.35 The indiscretions of Rhododendron Gard. Chron. III, 70: 288 D.3,1921 no.1823
___ ___ 36 Enter Meconopsis and Nomocharis Gard. Chron. III, 70: 313-314 D.17,1921 no.1825

Garden Mag.

Manchester, H.H.
A pictorial history ofthe garden I Gard. Mag. 34: 237-240 illus. Ja.1922 no.5
I. At the dawn of history

Geogr. Rev.

Nowack, Ernest
A contribution to the geography of Albania Geogr. Rev. 11: 503-540 illus. O.1921 no.4

India Rubb. Rev.

Miller, M.M.
Sea-Island cotton, its origin and economic history India Rubber Rev. 21: 1102-1104 D.1921

Journ. Bot.

Dallman, A.A.
The pollination of the primrose (cont.) Journ. Bot. 59: 337-345 D.1921 no.708

Journ. Bot.

Sprague, T.A.
Notes on nomenclature Journ. Bot. 59: 345-349
D.1921 no.708
I. Four overlooked generic names (Glottiphyllum Haw., Gibbaeum Haw. Conophylton Haw. Cephalophyllum Haw.) II. The orthography of some generic and specific names.

Williams, F.N.
Critical notes on some species of Cerastrium (cont.) Journ. Bot. 59: 349-353 D.1921 no.708

Journ. Hered.

Barker, E.E.
Bud variation in the sugar cane Journ. Hered. 12: 271-274 illus. Je./Jl.1921 [Dec.] no.6

Emerson, R.A.
Heritable characters in maize IX Crinkly leaf Journ. Hered. 12: 267-270 illus. Je./Jl.1921[Dec.] no.6
Paper no.92, Dept. Plant Breed. Cornell

Journ. Pharm. & Chim.

Bougault, J.
Notice sur la vie et les travaux de Émile Bourquelot (21 juin 1851-26 janvier 1921) Journ. Pharm. et Chim. VII, 24: 403-464 port. D.1921
H. Hérissey joint author
Notes biographiques: p.403-419; L'oeuvre scientifique: p.420-446; Liste chronolcgique des travaux originaux: p.446-464

K. Landtbr. Akad. Handl. o. Tidskr.

Henning, Ernst
Om potatiskräfta mutidens mest fruktade potatissjukdom K. Landtbr.-Akad. Handl. o. Tidskr. 60: 632-637 illus. 1921 no.7

Maine Naturalist.

Briscoe, J.M.
The white pine blister rust (Cronartium ribicola Fischer) Maine Nat. 1: 75-78 O.1921

Lovell, J.H.
Heather in New England Maine Nat. 1: 74 pl. O.1921 no.2

Nylander, O.O.
The orchids of northern Maine Maine Nat. 1: 22-24, 64-69 4 pl. Ap., O.1921 no.1,2

Lyon, T.L. & J.K.Wilson
Liberation of organic matter by roots of growing plants Mem. Cornell Agr. Exp. Stat. 40 44 p. illus. Jl.1921
Bibliography: p.43-44.

Missouri Bot. Gard. Bull.

The African oil palm Missouri Bot. Gard. Bull. 9: 142-146 pl.32 D.1921 no.10

The cocoanut palm Missouri Bot. Gard. Bull. 9: 137-142 pl.30-31 D.1921 no.10

Nature

The botanic gardens, Victoria, Cameroons province, Nigeria Nature 108: 377-378 illus. N.17,1921 no.2716

Naturw. Umschau Chem.-Zeit.

Gassner, Gustav
Ueber rhythmik und periodizität in der entwicklung der pflanze Naturw. Umschau Chem-Zeit. 10: 161-169 N.1921 no.11

New Zeal. Journ. Agr.

Atkinson, E.H.
Phormium tenax, the New Zealand fibre industry VI. Diseases and insect pests New Zeal. Journ. 23: 298-302 N.1921 no.5

Cunningham, G.H.
Some recent changes in the names of plant-diseases (cont.) New Zeal. Journ. Agr. 23: 270-276 N.1921 no.5
Pt.I Orchard tree and fruit diseases

Notulae System. (Lecomte)

Camus, Aimé
Un Tripogon nouveau d'Asie orientale IN Lecomte, Henri Notulae System. 4: 14 1920 no.1
T. thorelii

Cardot, Jules
Rosacées nouvelles d'Extrême-orient (Suite) In Lecomte, H. Notulae System. 4: 20-32 1920
Prunus.

Dop, Paul.
Clerodendron nouveaux de l'Indochine de l'herbier du Muséum In Lecomte, H. Notulae System. 4: 7-14 1920 no.1

Gagnepain, François
Quartre genres nouveaux de composées In Lecomte, H. Notulae System. 4: 14-19 1920 no.1
Camchaya, Colobogyne, Iodocephalus, Thorelia

Lecomte, Henri
Le genre Letestua de la famille des sapotacées (ancien genre Pierreodendron Aug. Chev.) In his Notulae Systematicae 4: 3-7 illus. 1920 no.1

Queensl. Agr. Journ.

Bick, E.W.
Flowering trees of the Brisbane botanic gardens Butea frondosa Queensl. Agr. Journ. 16: 315-316 illus. N.1921 no.5

Downy mildew Queensl. Agr. Journ. 16: 317-318 illus. N.1921 no.5

Jensen, H.I.
Some notes on the soils and forest flora of the dividing range - north of Roma (cont.) Queensl. Agr. Journ. 16: 297-299 N.1921 no.5

Rec. Bot. Surv. India

Blatter, Ethelbert
Flora arabica pt.II Leguminosae-Compositae. Rec. Bot. Surv. India v.8, pt.2 1921

Rept. Dept. Agr. Barbados

Bourne, E.A.
Fungoid attacks reported or observed Rep. Dept. Agr. Barbados 1920/21 p.10-11 1921

Rep. Iowa State Hort. Soc.

Farr, C.H.
Dormancy and winter-killing of peach buds Rep. Iowa State Hort. Soc. 55(1920): 99-116 1921

Rep. Mich. Acad. Sci.

Bowman, H.H.M.
Histological variation in Rhizophora mangle Rep. Mich. Acad. Sci. 22(1920): 129-134 pl.ix-xii 1921

Coons, G.H. & E. Levin
The relation of light to pycnidium formation in Sphaeropsidales Rep. Mich. Acad. Sci. 22(1920): 209-213 1921
Contr. 70 Bot. Dept. Mich. Agr. Coll.
Literature cited: p.213

Rep. Mich. Acad. Sci.

Darlington, H.T.
Contributions to the flora of Gogebic County, Michigan Rep. Mich. Acad. Sci. 22 (1920): 147-176 1921
Contr. 66 Dept. Bot. Mich. Agr. Coll.

Farwell, O.A.
Notes on the Michigan flora III Rep. Mich. Acad. Sci. 22(1920): 177-185 1921

Hollister, B.A.
The relation between the common weeds of Michigan and those found in commercial seed. Rep. Mich. Acad. Sci. 22(1920): 187-188 1921
Contr. 67 Dept. Bot. Mich. Agr. Coll.

Kauffman, C.H.
A black rot of squash Rep. Mich. Acad. Sci. 22(1920): 201-202 1921
Literature cited: p.202
Diplodina citrullina (perithicial stage Mycosphaerella citrullina)

Kauffman, Calvin
Collybia strictipes, developed in the laboratory Rep. Mich. Acad. Sci. 22(1920): 203-204 1921

Kauffman, C.H.
Mortierella bainieri Rep. Mich. Acad. Sci. 22 (1920): 195-198 pl.xvi 1921
Literature cited: p.198

Newcombe, F.C.
Response of sensitive stigmas to unusual stimuli Rep. Mich. Acad. Sci. 22 (1920): 145-146 1921

Petry, E.J.
Germination and growth of Ceanothus americanus as affected by heated soils Rep. Mich. Acad. Sci. 22(1920): 135-142 pl.xiii-xiv 1921

Woodcock, E.F. & R. de Zeeuw
The anatomy of the haustorial roots of Comandra Rep. Mich. Acad. Sci. 22(1920): 189-192 pl.xv 1921
Contr. Dept. Bot. Mich. Agr. Coll. no.68

Young, H.C. & C.W.Bennett
Studies in parasitism I Rep. Mich. Acad. Sci. 22(1920): 205-208 1921
Contr. 69 Bot. Dept. Mich. Agr. Coll.
I. Toxic substances produced by fungi.
Literature cited: p.208

Rep. Oper. Dept. Agr. Punjab

Luthra, J.C.
Experiments in economic botany Rep. Oper. Dept. Agr. Punjab 1919/20, pt.II, p.119-128 1921

Rev. Gén. Bot.

Carpentier, A.
Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-1919
Rev. Gén. Bot. 33: 558-576, 653-672 1921 no.393-4

Allorge, Pierre
Les associations végétales du vexin français
Rev. Gén. Bot. 33: 481-544, 589-652 8 pl. map S., O.1921 no.393-394

Lumière, Auguste
Le rythme saisonnier et le réveil de la terre
Rev. Gén. Bot. 33: 543-557 illus. S.1921 no.393

Poisson, Henri
La flore septentrionale de Madagascar et la flore Malgache Rev. Gén. Bot. 33: 577-588 O.1921 no.394

Rev. Gén. Sci.

Guyénot, Em.

Lamarckisme ou mutationnisme Rev. Gén. Sci. 32: 598-606 N.15,1921 no.21

Soil Sci.

Rudolfs, W.

Experiments with common rock salt I-III Soil Sci. 12: 449-474 D.1921 no.6

References: p.455,470,474

I. Effect on Asparagus. II. Eradication of weeds and cleaning of radosides with salt. III. After-effects of salt.

Trans. Sapporo Nat. Hist. Soc.

Maekawa, Tokujiro

On the wild chrysanthemum of north Japan Trans. Sapporo Nat. Hist. Soc. 8: 9-18 pl.i 1921

C. yezoense n.sp., var. typicum, var. stipulatum, var. lobulifolium; C. arcticum var. yezoense, C. littorale n.sp.

Miyabe, K. & Kudo, Y.

Materials for a flora of Hokkaido X Trans. Sapporo Nat. Hist. Soc. 8: 1-8 1921 no.1/2

Tochinai, Yoshihiko

Studies on the physiology of Fusarium lini Trans. Sapporo Nat. Hist. Soc. 8: 19-44 1921

Bibliography: p.40-42 no.1/2

Zeitschr. Bot.

Walter, Heinrich

Wachstumsschwankungen und hydrotropische krümmungen bei Phycomyces nitens. Versuch einer analyse der reizerscheinungen Zeitschr. Bot. 13: 673-716 1921 no.11

Exper. Stat. Publ.

DeOng, E.R.

Selection and treatment of waters for spraying purposes with especial reference to Santa Clara Valley Calif. Agr. Exp. Stat. Bull. 338: 301-314 D.1921

Manns, T.F. & Adams, J.F.

Report of the Dept. of plant pathology and soil bacteriology Ann. Rep. Delaware Agr. Exp. Stat. 1920/21(Bull.129): 18-28 N.1921

Carpenter, C.W.

Report of the division of plant pathology Rep. Hawaiian Agr. Exp. Stat. 1920 p.37-40 pl. v-vi D.1921

Root-rot diseases.- Taro-rot control experiment - Banana freckle disease (Phoma musae)

Wolf, F.A. & S.G.Lehman

Notes on new or little known plant diseases in North Carolina in 1920 Ann. Rep. North Carolina Agr. Exp.Stat. 43(1919/20): 55-58 [1921?]

Wolf, F.A.

Report of the Div. of plant pathology and bacteriology Ann. Rep. North Carolina Agr. Exp.Stat. 43 (1919/20): 53-55 [1921?]

Frank, Arthur

The mushroom root rot Bi-Month. Bull. Wash. Agr. Exp. Stat. 9: 83-84 Ja.1922 no.6

Armillaria mellea

State Publications

Weiss, H. B.

Report of the inspection service, plant inspection 6th Ann. Rep. N.Y. State Dept. Agr. 6 (Its Bull. 29): 43-60 S.1921

M.T.Cook plant pathologist

New Books

Bonnier, G.
Flore complete illustrée en couleurs de France fasc. 48-49 1921

Gt. Brit. Min. agriculture & fisheries.
Collected leaflets on fungus pests of fruit trees 1921 60 p. plates

Miyabe, K. & Kudo, Y.
Icones of the essential forest trees of Hokkaido Fasc. V-VI S., N. 1921

Tengwall, T.A.
Die vegetation des Sarekgebietes 1. abt. 1920 (Naturwissenschaftliche untersuchungen des Sarekgebietes in Schwedisch-Lappland v.3 Botanik Lfg. 4)

Library, Bureau of Plant Industry
Current Author Entries, 1921, List 75.
Indexed - January 16 - 28, 1922.

Agr. Gaz. N.S.W.
Birmingham, W.A.
The detection of crown gall before planting
Agr. Gaz. N.S.W. 32: 901-903 illus. D.1921

Agric. Colon.
Barbacci,
La boscaglia della zona dunosa del Benadir e provvedimenti per la sua tutela e perill rimboschimente delle dune della costa Agric. Colon. 15; 578-584 D.1921 no.12

Ann. Missouri Bot. Gard.
Greenman, J.M.
Two new Senecios from the West Indies Ann. Missouri Bot. Gard. 8: 97-102 pl.1-2 Ap.1921 [Ja.1922]
S. subsquarrosus, S. freemannii

Payson, E.B.
A monograph of the genus Lesquerella Ann. Missouri Bot. Gard. 8: 103-236 illus. Ap.1921 [Ja.1922] no.2

Ann. Rep. Dept. Agr. & Stock Tasmania
Nicholls, H.M.
Annual report of the government microbiologist Rep. Agr. & Stock Dept. Tasmania 1920/21 p.10-13 2 pl. 1921

Biochem. Zeitschr.
Boas, Friedrich
Untersuchungen über die mitwirkung der lipoide beim stoffaustausch der pflanzlichen zelle Biochem. Zeitschr. 117: 166-214 1921 no.3/6
Literatur: p.213-214

Bol. Soc. Espan. Hist. Nat.
González-Fragoso, Romualdo
Algunos demaciáceos de la flora española Bol. Soc. Españ. Hist. Nat. 21: 93-99 illus. F.1921 no.1
Helminthosporium smilacinum n.sp ; Cercospora latens forma europea nov.

González-Fragoso, Romualdo
D. Blas Lázaro e Ibiza (1858-1921) Bol. Soc. Españ. Hist. Nat. 21: 128-134 My.1921 no.2/3
Citaremos como más importantes los siguientes p.133

Pau, C.
Plantas críticas o nuevas Bol. Soc. Españ. Hist. Nat. 21: 141-153 illus. My.1921 no.2/3

Bot. Gaz.
Arthur, J.C.
Uredinales collected by R. Thaxter and J.B.Rorer in Trinidad Bot. Gaz. 73: 58-69 illus. Ja.1922 no.1

Denny, F.E.
Formulas for calculating number of fruits required for adequate sample for analysis Bot. Gaz. 73: 44-57 Ja.1922 no.1
Literature cited: p.57
Experiments with citrus fruits

Harvey, L.H.
Yellow-pine formation at Little Manistee, Michigan Bot. Gaz. 73: 26-43 illus. Ja.1922 no.1

Heller, H.H.
Classification of the anaerobic bacteria Bot. Gaz. 73: 70-79 Ja.1922 no.1
Literature cited: p.77-79.

319107

Bot. Gaz.

Knudson, Lewis

Nonsymbiotic germination of orchid seeds
Bot. Gaz. 73: 1-25 illus. Ja.1922 no.1

Literature cited: p.25.

Bot. Jahrb. Engl.

Diels, Ludwig.

Beiträge zur flora von Mikronesien und Polynesien II Bot. Jahrb. Engler 56: 539-577 illus. N.1921 no.5

15. Die myrtaceen. Von L. Diels. 16. Die myrsinaceen Von C. mez. 17. Die bis jetzt aus Mikronesien und Polynesien bekannt gewordenen loganiaceen. Von E. Gilg & C. Benedict. 18. Eine neue Symplocaceae von den Palau-inseln Von A. Brand (S. chabdui) 19. Eine neue Solanum-art von den Marianen. Von G. Bitter (S. saipanense). 20. Eine Scaevola von Mikronesien. Von L. Diels. 21-24. Die Elaeocarpaceen. Die. Asclepiadaceen. Die Scrophulariaceen. Die Gasneraceen. Von R. Schlechter.

Handel-Mazzetti, Heinrich.

Ueber sicht über die wichtigsten vegetationsstufen und -formationenen von Yunnan and SW.-Setschuan Bot. Jahrb. Engler 56: 578-597 pl.1 (map) N.1921 no.5

Reichert, Israel

Die pilzflora Agyptens. Eine mykogeographische studie Bot. Jahrb. Engler 56: 598-727 pl.ii-iv N.1921 no.5

Bryologist.

Andrews, A.L.

Further bryophytes from North Carolina and Tennessee Bryologist 24: 49-58 Jl.1921 [Ja.1922] no.4

Kaiser, G.B.

Little journeys into mossland V The old genus Hypnum Bryologist 24: 58-60 Jl.1921[Ja.1922] no.4

Plitt, C.C.

A preliminary report, with notes, of the lichens found near the Cinchona botanical station, Jamaica, British West Indies. Bryologist 24: 60-64 Jl.1921 [Ja.1922] no.4

Bull. Misc. Inform. Kew.

Hutchinson, John

A contribution to the flora of northern Nigeria. Plants collected on the Bauchi plateau by Mr. H.V. Lely Bull. Misc. Inform. Kew 1921 p.353-407 illus. D.1921 no.10

Calif. Citrogr.

Bartholomew, E.T.

Bearing of water relation to internal decline of lemons Calif. Citrogr. 7: 126,128-129 illus. F.1922 no.4

Abstract of address before Lemon men's club, Los Angeles, Ja.1922

Hodgson, R.W.

Two primary caused of citrus orchard deterioration Calif. Citrogr. 7: 105, 132 illus. F.1922 no.4

Inability to feed normally, occasioned through improper methods of applying fertilizers - Slow but certain poisoning of the trees through absorption of toxic compounds given off by a wide variety of trunk and root disease-producing fungi.

Shamel, A.D.

Florida undertakes systematic citrus bud selection work Calif. Citrogr. 7: 102, 127 illus. F.1922 no.4

Centralbl. Bakt. Abt.II.

Keuchenius, P.E.
Die rindenbräune der Hevea brasiliensis, Eine kritische untersuchung Centralbl. Bakt. abt. 2, 55: 14-74 illus. N.1921 no.1/4
Literatur: p.73-74.

Potthoff, Heinz.
Zur entwicklungsgeschichte der gattungen Chromatium und Spirillum Centralbl. Bakt. abt.2, 55: 9-13 illus. N.1921 no.1/4

Compt. Rend. Acad. Sci. Paris

Arnaud, Gabriel
Sur les affinités des erysiphées et des parodiopsidées Compt. Rend. Acad. Sci. Paris 173: 1394-1396 D.1921 no.25

Blaringhem, Louis
Hérédité des caractères physiologiques chez les hybrides d'orges Compt. Rend. Acad. Sci. Paris 173: 1396-1398 D.1921 no.25

Bridel, Marc
Sur la présence de saccharose et d'aucubine dans les graines du Melampyrum arvense L. Dompt. Rend. Acad. Sci. Paris 173: 1403-1405 D.1921 no.25
Marie Braecke joint author.

Dangeard, Pierre
Sur l'évolution des grains d'aleurone du ricin pendant la germination Compt. Rend. Acad. Sci. Paris 173: 1401-1403 illus. D.1921 no.25

Ravaz, Louis & G. Verge.
Sur la germination des spores du mildiou de la vigne Compt. Rend. Acad. Sci. Paris 173: 1421-1423 D.1921 no.25

Contr. U.S. Nat. Herb.

Piper, C.V.
The identification of Berberis aquifolium and B. repens Contr. U.S.Nat. Herb. v.20, pt.11 p.437-451 pl.24-26 Ja.1922

Dansk Bot. Ark.

Lange, J.E.
Studies in the agarics of Denmark pt. IV. Pholiota, Marasmius, Rhodophyllus Dansk Bot. Ark. v.2 no.11 46 p. 1 pl. 1921.

Deut. Landw. Presse

Surmely, J.
Beizversuche gegen steinbrand, angestellt 1921 auf der von Caron'schen saatzuchwirtschaft rittergut ellingen Deut. Landw. Presse 48: 715 D.7,1921 no.97

Gard. Chron.

A., D.
Potato leaf curl Gard. Chron. III, 70: 336 D.21,1921 no.1827
Quotes from the Scotch gardener, from an article by Nicol, 1798.

Grubb, N.H.
The spraying of apples Gard. Chron. III, 70: 326 D.24,1921 no.1826

Menzies, Sir David
Dr. Archibald Menzies R.N. Gard.Chron.III, 70: 324 illus., port. (p.320) D.24,1921 no.1826

Gartenfl.

Fürstenberg, C.
Ueber die bekämpfung der obstbaume schädlinge Gartenfl. 70: 107-116 N.15,1921 no.11/12

Hereditas

Gante, Th.
Ueber eine besonderheit der begrannung bei fatuoid-heterozygoten Hereditas 2: 410-415 D.1921 no.3
Zitierte literatur: p.415.

Hallqvist, Carl
The inheritance of the flower colour and the seed colour in Lupinus angustifolius Hereditas 2: 299-363 col.pl.i-ii D.1921 no.3
Literature cited: p.363

Heribert-Nilsson, Nils
Selektive verschiebung der gametenfrequenz in einer kreuzungspopulation von roggen Hereditas 2: 364-369 D.1921 no.3

Kristofferson, K.B.
Spontaneous crossing in the garden bean, Phaseolus vulgaris Hereditas 2: 395-400 D.1921 no.3
Literature cited: p.400

Nilsson-Ehle, Hermann
Fortgesetzte untersuchungen über fatuoidmutationen beim hafer Hereditas 2: 401-409 D.1921 no.3
Zitierte literatur: p.409

Journ. Agr. Prat.

Daurel, C.
Essais de traitement du mildiou avec la bouille a la chaux et au sulfate d'alumine Journ. Agr. Prat. 85: 510-512 D.24,1921 no.51

Journ. Coll. Sci. Tokyo

Nakano, Harufusa
Oekologische untersuchungen der schwimmininseln in Japan Journ. Coll. Sci. Impr. Univ. Tokyo v.42, no.3, 57 p. illus. Ag.1921
Literaturverzeichnis: p.56-57.

Journ. Dept. Agr. So. Africa

Donkin, J.E.
Bunt-resistant wheat. A report on wheat variety tests for resistance to bunt, brand, or stinking smut Journ. Dept. Agr. So. Afr. 3: 561-563 D.1921 no.6

Lansdell, K.A.
Weeds of South Africa VI Weed no.1, Spear thistle Journ. Dept. Agr. So. Africa 3: 542-649 illus. D.1921 no.6

Journ. N.Y. Bot. Gard.

Dunbar, John
How to grow Rhododendrons Journ. N.Y. Bot. Gard. 22: 184-191 0.1921 [Ja.1922] no.262

Broadway, W.E.
Botanical collecting in French Guiana Journ. N.Y. Bot. Gard. 22: 177-183 0.1921 [Ja.1922] no.262

Journ. Stat. Agron. Guadeloupe

Sarraut, A
La maladie de Fiji de la canne-a-sucre Journ. Stat. Agron. Guadeloupe 1: 116-119 1921 no.4

Kolloidchem. Beih.

Samec, M. & Ferjančič, S
Studien über pflanzenkolloide XII Ueber die einwirkung von formaldehyd auf zellulose Kolloidchem. Beih. 14: 209-226 D.1921 no.6/8

Meded. Rijks Herb. Leyden

Bosch, R.B. van den
Synopsis Hymenophyllacearum etc. II Meded. Rijks Herb. Leyden 38 41 p. illus. 1919

Herzog, Thedor.
Die von Dr. Th. Herzog auf seiner zweiten reise durch Bolivien in den jahren 1910 und 1911 gesammelten pflanzen 7 Meded. Rijks Herb. Leyden no. 40 77 p. 1921

Luyk, A. van
Mykologische bemerkungen I Meded. Rijks Herb. Leyden 39 10 p. illus. 1919
I. Geoglossaceen des reichherbars zu Leiden
Litteratur: p.10

Mitt. Deut. Landw. Ges.

Burk,
Versuche mit verschiedenen beizmitteln zur bekämpfung des steinbrandes bei weizen Mitt. Deut. Landw. Ges. 37: 11-14 Ja.7,1922 no.1

Month. Bull. Dept. Agr. Calif.

Condit, I.J.
California fig varieties Month. Bull. Dept. Agr. Calif. 10: 359-366 illus. S.1921 no.9

Nougaret, R.L.
A proposed treatment for frosted grapevines Month. Bull. Dept. Agr. Calif. 10: 345-358 illus. S.1921 no.9

Smith, C.O.
Some studies relating to infection and resistance to walnut blight Month. Bull. Dept. Agr. Calif. 10: 367-371 illus. S.1921 no.9

Mycologia

Chardon, C.E.
A contribution to our knowledge of the Pyrenomycetes of Porto Rico Mycologia 13: 279-300 illus., pl.13-15 N.1921 [Ja.1922] no.6
Literature cited: p.297-299

Macbride, T.H.
Some of the ways of the slime-mould Mycologia 13: 329-334 N.1921 [Ja.1922] no.6

Mains, E.B.
The heteroecism of Puccinia montanensis, P. koeleriae and P. apocrypta Mycologia 13: 315-322 illus. N.1921 [Ja.1922] no.6

Parks, H.E.
California hypogaeous fungi - Tuberaceae Mycologia 13: 301-314 N.1921 [Ja.1922] no.6

Shear, C.L.
Review of Klebahn on life histories of Ascomycetes Mycologia 13: 346-350 N.1921 [Ja.1922] no.6
Haupt- und nebenfruchtformen der askomyceten... Von H. Klebahn 1918

Notes R. Bot. Gard. Edinb.

Prager, R.L.
Some Asiatic Sedums in the Edinburgh herbarium; with supplementary notes from Kew and the British Museum Notes R. Bot. Gard. Edinb. 13: 67-101 pl.clxx-clxxix Ag.1921 no.62

Pan Amer. Mag.

Joyce, T. A.
Yerba maté Pan-Amer. Mag. 33: 306-328 illus. N./D.1921 no.5/6
Bibliography: p.327-328

Pharm. Weekbl.

Wisselingh, C. van

Bijdragen tot de kennis van de zaadhuid 13, bijdrage: Over de zaadhuid der rosaceeën Pharm. Weekbl. 59: 1-18 pl. Ja.1922 no.1

Literatuur: p.17

Philipp. Journ. Sci.

Lee, H.A.

Citrus-canker control: a progress report of experiments Philipp. Journ. Sci. 19: 129-173 pl. Ag.1921 [Rec'd Ja.1922] no.2

Literature cited: p.170-171

Merrill, E.D.

A review of the new species of plants proposed by N.L.Burman in his Flora indica Philipp. Journ. Sci. 19: 329-388 S.1921 [Rec'd Ja.1922] no.3

Pomol. Franç.

Chifflot, Jean

Les maladies cryptogamiques fruitières de la région lyonnaise et nouvelles données sur la préparation des solutions anticryptogamiques et insecticides Pomol. Franç. 1921 p.160-165 no.11/12

Proc. Nat. Acad. Sci.

Belling, John

The behavior of homologous chromosomes in a triploid Canna Proc. Nat. Acad. Sci. 7: 197-201 illus. Jl.1921 [Nov.]

Bibliographical foot notes.

Proc. R. Soc. Victoria

Ewart, A.J.

Contributions to the flora of Australia no.29 Proc. Roy. Soc. Victoria 33: 226-232 illus. My.1921

Williamson, H.B.

A revision of the genus Pultenaea II Proc.Roy. Soc. Victoria 33: 133-148 pl.vi-vii My.1921

Progr. Agr. & Vitic.

Daurel, G.

Essais de traitement du mildiou avec la bouillie a la chaux et au sulfate d'alumine Prog. Agr. & Vitic. 76: 592-595 D.18,1921 no.51

Queensl. Agr. Journ.

Bick, E.W.

Flowering trees of the Brisbane botanic gardens Queensl. Agr. Journ. 16: 379-380 D.1921 no.6

Lagunaria patersonii

Jensen, H.I.

Some notes on the soils and forest flora of the dividing range - north of Roma (cont.) Queensl. Agr. Journ. 16: 358-361 D.1921 no.6

Rhodora

Churchill, J.R.

Cimicifuga racemosa in Massachusetts Rhodora 23: 201-203 pl.132 S.1921 [Ja.1922] no.273

New England botanical club - Committee on floral areas

Third report (includ. Preliminary lists of new England plants XXVIII, fern allies except Isoetaceae) Rhodora 23: 209-220 S.1921 [Ja.1922]

St. John, Harold

A critical revision of Hydrangea arborescens Rhodora 23: 203-208 S.1921 [Ja.1922] no.273

Science

Bateson, William.
Evolutionary faith and modern doubts Science
55: 55-61 Ja.20,1922
Delivered before Amer. Assoc. Adv. Sci., Dec.28,
1921, at Toronto

Kunkel, L.O.
Ameboid bodies associated with Hippeastrum mosaic
Science 55: 73 Ja.20,1922 no.1412

True, R.H.
The significance of calcium for higher green
plants Science 55: 1-6 Ja.6,1921 no.1410
Address of vice-president, Sect.G, Am. Assoc. Adv.
Sci., Toronto, Dec.1921 no.1410

Woods, A.F.
Research in the field of agriculture Science
55: 64-66 Ja.20,1922 no.1412

Scient. Agr.

Dickson, B.T.
Diseases of the potato (cont.) Scient.Agr.
2: 163-167 illus. Ja.1922 no.5

Malte, M.O.
Variation and inheritance in red clover III
Scient. Agr. 2: 157-162 Ja.1922 no.5
Literature quoted: p.160-162

Scient. Amer.

Dacy, G.H.
Potash, an essential for plant growth Sci.
Amer. 126: 106-107 illus. F.1922

Georgian, D.H.
How Jack frost stimulates plant growth Sci.
Amer. 125: 122 illus. F.1922
Taken from F.V. Coville's Influence of cold in
stimulating the growth of plants

Sugar Centr. & Plant. News

Lee, H.A. & E.W.Kopke
Cane diseases in Negros. (Las enfermedades de la
caña en Negros) Sugar Centr. & Plant. News 2:
568-569 D.1921 no.12

Trop. Agr.

Auchinleck, G.G.
The cultivation of limes Trop. Agr. 57: 284-
293 pl.i-ii N.1921
See p.290-921

Yearbk. Madras Dept. Agr.

Sundararman, S
Helminthosporium disease on "rice" (Oryza sativa
Yearbk. Madras Agr. Dept. 1920/21 p.111-114 1921

Sundararaman, S
On the presence of an Ephelis and a Balansia on
a common fodder grass, Central farm, Coimbatore.
Yearbk. Madras Agr. Dept. 1920/21 p.46-48 1921
Ephelis on Panicum distachyum

Exper. Stat. Publ.

Dutton, W.C.
The control of brown rot in fruits. Spraying and
dusting of peaches and plums to prevent brown rot
in storage and during shipment Quart. Bull.
Mich. Agr. Exp. Stat. 4: 53-55 N.1921 no.2

Catoni, L.A.
Una enfermedad del cocotero que no queremos en
Puerto Rico Porto Rico Estac. Exp. Insular
Circ. 43 7 p. My.1921

New Books

Ascherson & Graebner.
Synopsis der mitteleuropäische flora lfg. 104, (bd.5, abt.2) Caryophyllaceae (Diantheae) 0.1921

Baur, Erwin
Grundlagen der pflanzenzuchtung Berlin, Gabr. Borntraeger, 1921.

Brocadet, A.P.
Plantes utiles du Brésil Paris, Vigot frères 1921

Church, A.H.
Elementary notes on the systematy of angiosperms Bot. Mem. no.11 71 p. 1921

Church, A.H.
Introduction to the systematy of Indian trees Bot. Mem. no.12 50 p. 1921

Hara, Kanesuke
Sosai kwaki no byoki to sono yoboho (Diseases of vegetables and ornamental plants, and their control Shizuoka, Yoshimi shoten, 1920
145 p. illus. 20cm.
In Japanese

Hooper, C.H.
Fruit farming... 2d ed. London, Lockwood press 1921
Some fungous diseases of fruit trees, by H. Wormald, p.116-124.

Russell, E.J.
Soil conditions and plant growth 4th ed. London, Longmans, Green and Co., 1921.

Schwarz, E.
Die pilze in morphologisch-biologische betrachtung... Salzungen, 1920.

Library, Bureau of Plant Industry
Current Author Entries, 1921, List 76.
Indexed - January 30 - February 11, 1922.

Agr. Journ. India.

Ajrekar, S.L. & D.V.Bal
Observations on the wilt disease of cotton in the Central provinces   Agr. Journ. India 16: 598-617 pl.xxxviii-xxxix N.1921 no.6

Howard, Albert.
Disease in plants   Agr. Journ. India 16: 626-637 illus., pl.xxxv-xxxvi N.1921 no.6

Amer. Fern Journ.

Anderson, M.L.
Lygodium japonicum in South Carolina   Amer. Fern Journ. 11: 90-91 Jl./S.1921 [F.1922] no.3

Butters, F.K.
Taxonomic and geographic studies in North American ferns III. Pellaea glabella and its western segregates   Amer. Fern Journ. 11: 75-82 Jl./S.1921 [F.1922] no.3

Charles Noyes Forbes.   Amer. Fern Journ. 11: 91-93 Jl./S.1921 [F.1922] no.3
Publications: p.92-93.

Graves, E.W.
An interesting trip   Amer. Fern Journ. 11: 86-88 Jl./S.1921 [F.1922]
To Bucks Pocket, Ala. in search of Trichomanes petersii

Lewis, C.S. & W.F.Lewis
A list of ferns found in New Hampshire   Amer. Fern Journ. 11: 82-85 Jl./S.1921 [F.1922] no.3

Schaffner, J.H.
North American species of Equisetum north of Mexico   Amer. Fern Journ. 11: 65-75 Jl./S. 1921 [F.1922] no.3
Literature considered in the preliminary discussion: p.74-75.

Ann. Roy. Bot. Gard. Peradeniya.

Petch, Thomas.
Studies in entomogenous fungi. II. The genera Hypocrella and Aschersonia   Ann. R. Bot. Gard. Peradeniya 7: 167-278 pl.ii-v (2 & 3 col.) 0.1921 no.3

Blatt. Zuckerrübenb.

Müller, Kurt.
Neue forschungsergebnisse über die bekämpfung der rübennematoden   Blätt. Zuckerrübenb. 28: 217-220 N.30,1921 no.21/22

Bot. Mag. Tokyo.

Kojima, Hitoshi
Serobiological relationships between gymnosperms and dicotyledons   Bot. Mag. Tokyo 35: (247)-(252) N.1921 no.419
English resumé: p.218.

Miyake, Kiichi & Yoshitaka Imai
On the inheritance of flower-colour in Sisyrinchium angustifolium   Bot. Mag. Tokyo 35: (261)-(265) D.1921. no.420
English resumé: p.228.

Nakai, Takenoshin.
Labiatae coreanae (cont.)   Bot. Mag. Tokyo 35: 191-205 N.1921 no.419

Yasuda, Arsushi.
Drei neue arten von Isaria   Bot. Mag. Tokyo 35: 219-221 illus. D.1921 no.420.
I. japonica, I. cosmopsaltriae, I. eristalidis.

Bot. Mag. Tokio.
Yasuda, A.
Notes on fungi Bot. Mag. Tokio 35: (254)-(255), (269)-(270) N., D.1921 no.419-20.
In Japanese, Irpex parvula, Aleurodiscus reflexus n.sp.

Broteria Ser. Bot.
Pau, Carlos.
El herbario de Planellas Broteria Ser. Bot. 19: 49-65, 97-106 1921 no.2,3

Pirez de Lima, Américo.
Subsídios para o estudo da flora de Moçambique Espermáfitas do litoral-norte Broteria Ser. Bot. 19: 107-143 1921 no.3

Bull. R. Soc. Tosc. Ortic.
Roster, Giorgio.
La resistenza al freddo la identificazione e la nomenclatura delle palme con elenco dei giardini d'Italia dove so coltivano all'aria aperta (Cont.) Bull. R. Soc. Toscana Ortic. 46: 113-114 N./D.1921 no.11/12

Citrus Indust.
Winston, J.R. & W.W.Yothers.
Bordeaux oil emulsion spray Citrus Ind. v.3, no.1, p.14-15 Ja.1922

Compt. Rend. Acad. Sci. Paris.
Bridel, Marc.
Sur la présence d'un glucoside à essence dans les tiges foliées et les racines du Sedum telephium L. Compt. Rend. Acad. Sci. Paris 174: 186-188 Ja.1922 no.3.

Daniel, Lucien.
Nouvelles recherches sur les greffes d'Helianthus Compt. Rend. Acad. Sci. Paris 173: 1482-1485 D.1921 no.26

Goris, Albert. & H. Deluard.
Influence des radiations solaires sur la culture de la belladone et la formation des alcaloïde dans les feuilles. Compt. Rend. Acad. Sci. Paris 174: 188-190 Ja.1922 no.3.

Petit, Albert.
Sur la cytologie de deux bactéries Compt. Rend. Acad. Sci. Paris 173: 1480-1482 illus. D.1921 no.26

Plantefol, L.
Sur la toxicité de divers phénole nitrés pour le Sterigmatocystis nigra Compt. Rend. Acad. Sci. Paris 174: 123-126 Ja.1922 no.2

Zaepffel, Edgar.
Sur le mécanisme de l'orientation des feuilles Compt. Rend. Acad. Sci. Paris 174: 119-120 Ja. 1922 no.2

Compt. Rend. Soc. Biol. Paris.
Mellor, Ethel.
L'action mécanique des lichens dans la détérioration des vitraux d'église Compt. Rend. Soc. Biol. Paris 85: 634-635 O.1921 no.28

Raybaud, L.
Sur la gomme de l'Entada sudanica Compt. Rend. Soc. Biol. Paris 85: 933-935 N.1921 no.33

Wildeman, Emile de
A propos de l'autotomie chez les végétaux Compt. Rend. Soc. Biol. Paris 85: 717-720 O.1921 no.29

Cuba Rev.

Mell, C.D.
Frangipani Cuba Rev. v.20, no.2, p.17-21 illus. Ja.1922
Plumieria (P. alba, P. pudica, P. rubra & P. purpurea)

Flor. Exch.

Linz, C.L.
Walter Van Fleet Flor. Exch. 53: 297-298 port. F.4,1922 no.5

Seymour, E.L.D.
Modern tree surgery and the nursery business Flor. Exch. 53: 199, 221, 232 illus. Ja.28, 1922 no.4

Flow. Grow.

Brown, C.W.
Gladiolus nomenclature (cont.) Flower Grow. v.9, no.2, p.36-37 F.1922

Garden

Payne, C.H.
The first known dahlias Garden 86: 24 Ja. 14, 1922 no.2617

Gard. Mag.

MacDougal, D.T.
How mountain plants behave when they go to the seaside Gard. Mag. 34: 305-307 illus. F.1922 no.6

Manchester, H.H.
A pictorial history of the garden II. In Egypt thirty centuries ago Gard. Mag. 34: 311-314 illus. F.1922 no.6

Journ. Arnold Arb.

Cocks, R.S.
A list of the trees of Louisiana Journ. Arnold Arb. 2: 204-216 Ap.1921 (Ja.1922) no.4

Palmer, E.J.
The forest flora of the Ozark region Journ. Arnold Arb. 2: 216 Ap.1921 (Ja.1922) no.4

Schneider, Camillo.
Notes on American willows XI Journ. Arnold Arb. 2: 195-204 Ap.1921 (Ja.1922) no.4
a. Some remarks on the species of section cordatae.
b. Some remarks on the geographical distribution of the American willows.

Tucker, E.M.
Bibliographical notes II Arnold Arb. Journ. 2: 236-239 Ap.1921 (Ja.1922) no.4
Dates of publication for Hempel & Wilhelm Bäume und sträucher des waldes & Siebold & Zuccarini Flora japonica (no authority is given for dates in latter case)

Wilson, E.H.
Notes from Australia II The New Zealand forests Journ. Arnold Arb. 2: 232-236 Ap.1921 (Ja.1922) no.4

Journ. Bot.

Grove, W.B.
New or noteworthy fungi pt.VII Journ. Bot. 60: 14-17 Ja.1922 no.709

Pugsley, H.W.
Notes on British Euphrasias II Journ. Bot. 60: 1-5 Ja.1922 no.709

Safford, W.E.
Elisia, a botanical romance Journ. Bot. 60: 19-20 Ja.1922 no.709

Journ. Bot.

Sprague, T.A.
The seedling foliage of Ulex gallii Journ. Bot. 60: 6-12 Ja.1922 no.709

Thompson, H.S.
Carex forms with long peduncles Journ. Bot. 60: 12-13 Ja.1922 no.709

Journ. Genetics.

Bateson, William & A.E.Gairdner
Male-sterility in flax, subject to two types of segregation Journ. Genetics 11: 269-275 pl. xxvi D.1921 no.3

Beer, Rudolph.
Notes on the cytology and genetics of the genus Fuchsia Journ. Genetics 11: 213-227 pl.xxii-xxiv D.1921 no.3
Literature cited: p.226-227.

Miyazawa, Bungo.
Dwarf forms in barley Journ. Genetics 11: 205-208 pl.xx D.1922 no.3

Parnell, F.R.
Note on the direction of segregation by examination of the pollen of rice Journ. Genetics 11: 209-212 pl.xxi D.1921 no.3

Salmon, E.S. & H. Wormald.
A study of the variation in seedlings of the wild hop (Humulus lupulus L.) Journ. Genetics 11: 241-267 pl.xxv D.1921 no.3
Bibliography: p.267.

Journ. Plant Prot. (Byôchû-gai Zasshi)
Titles furnished by Dr. Tanaka.

Akiyama, Chûjirô
Kuroropikurin no shokubutsu ni oyobosu sayô (Effect of chloropicric acid on plants) Byôchû-gai Zasshi (Journ. Plant Prot.) 9: 25-26 Ja.1922 no.1

Bokura, Umenojô
Shubyô ni yotte dempansuru byôgai oyobi hompô shubyô sanchi ni okeru byôgai man'en no genkyô (Diseases carried by nursery plants, and the present situation of plant diseases in the chief nursery districts in the state) Byôchu-gaii gai Zasshi (Journ. Plant Prot.) 8: 555-561 N.1921 no.11

Bokura, Umenojô
Taishô jûnen no byôgai-kai to gojin no kibô (Outlook of plant disease outbreaks in 1921 with special reference to our hope in future) Byôchû-gai Zasshi (Journ. Plant Prot.) 9: 4-8 Ja.1922 no.1

Fukushi, Teikichi.
Kiryû no tansobyô ni tsukite (On anthracnose of basket willow) Byôchû-gai Zasshi (Journ. Plant Prot.) 8: 602-605 pl.[2] D.1921 no.12
Physalospora Miyabeana Fukushi.

Hemmi, Takewo.
Shokubutsu tansobyô shiryô (Materials for the study of anthracnose of plants) No. 4. Aoki ni kiseisuru tanso byôkin (Anthracnose of Aucuba japonica) Byôchu-gai Zasshi (Journ. Plant Prot.) 8: 535-538 N.1921 no.11
In'yô Bunken (Literature cited): p.537.

Ishikawa, Takitarô & Isamu Shiozaki.
Sekkwai iwô gôzai dojô shôdoku to nasu (Soil disinfection with lime sulphur and its effect on the egg-plant) Byôchû-gai Zasshi (Journ. Plant Prot.) 9: 29-34 Ja.1922 no.1

Journ. Plant Prot. (Byôchu-gai Zasshi)

Kazui, Masatoshi.
Nashi byôgaichû kufo yôbô reki (Spray calendar for control of disease and insect injuries of sand-pear) Byôchu-gai Zasshi (Journ. Plant Prot.) 9: 34-38 Ja.1922 no.1

Matsumoto, Takashi.
Azuki mozaikkubyô kenkyû yohô (Azuki-bean mosaic, preliminary report I) Byôchû-gai Zasshi (Journ. Plant Prot.) 9: 13-17 Ja.1922 no.1

Matsumoto, Takashi.
Shokubutsu byôrigaku kenkyû (Phytopathological investigations) (cont.) Byôchu-gai Zasshi (Journ. Plant Prot.) 8: 596-602 D.1921 no.12

Nambu, Nobukata.
Kwajurui no byôgai (Diseases of fruit trees) Byôchu-gai Zasshi (Journ. Plant Prot.) 8: 605-606 D.1921 no.12

Nambu, Nobukata.
Tengunosubyô narabini naeki byogaikin ni tsukite (On witches' brooms and nursery diseases) Byôchû-gai Zasshi (Journ. Plant Prot.) 8: 553-555 N.1921 no.11

Nishikado, Yoshikazu.
Momidane no shôdoku narabini ine gomahagerebyô no yobôhô (Disinfection of seedprice in relation to the prevention of Helminthosporium rice blight) (3) Ryûsandô yôeki no momidane no hatsuga ni oyobosu eikyô jûrai no kenkyû (The present status of the experimental result to determine the effect of copper sulphate solution to the germination of rice grain) Byôchû-gai Zasshi (Journ. Plant Prot.) 8: 538-550 N.1921 no.11
In'yo Bunken (Literature cited): p.549-550.

Tanaka, Tomoyemon
Daizu senchû (Kamei) ni tsukite (On soy bean nematode: Preliminary determination) Byôchu-gai Zasshi (Journ. Plant Prot.) 8: 551-553 N.1921 no.11

K. Landtbr. Akad. Handl. o. Tidskr.

Henning, Ernst.
Den växthygieniska betydelsen av lerslagning eller sandkörning av uppodlade kärr- och mossmarker II Nya försök mot gulspetssjuka, utförda 1921 K. Landtbr. Akad. Handl. o. Tidskr. 60: 702-713 col.pl. 1921 no.8
Medd. n:r 226 från Centralanst. Försöksv. Jordbruksom. Avdeln. Landtbruksbot. n:r 22

Matières Grass.

Pieraerts, J.
Le beurre de dika au Congo Belge Mat. Grasses 13: 5990-92 D.15,1921 no.164

Mem. Dept. Agr. India Chem. Ser.

Annett, H.E.
Investigations on Indian opium no.2. The effect of enfironmental factors on the alkaloidal content and yield of latex from the opium poppy (Papaver somniferum) and the bearing of the work on the functions of alkaloids in plants life Mem. Dept. Agr. India Chem. Ser. v.6, no.2 S.1921

Nat. Geogr. Mag.

Fairchild, David.
The jungles of Panama Nat. Georgr. Mag. 41: 131-145 illus. F.1922 no.2

Naturw. Wochenschr.

Möbius, Martin.
Zur metamorphose der pflanzen Naturw. Wochenschr. n.f., 20: 739-742 D.25,1921 no.52

New Phytol.

Blackman, V.H.
The theory of geotropic response New Phytol. 20: 246-247 D.1921 no.5
Note on Prof. Small's reply to author's criticism of Small's theory of geoperception.

Dastur, R.H. & W.T.Saxton.
A new method of vegetative multiplication in Crotalaria burhia Ham. New Phytol. 20: 228-233 pl.ii D.1921 no.5

Hodgetts, W.J.
A study of some of the factors controlling the periodicity of freshwater algae in nature New Phytol. 20: 195-227 D.1921 no.5

Poulton, E.M.
An unusual plant of Cheiranthus cheiri L. New Phytol. 20: 242-245 illus. D.1921 no.5
References: p.245.

Rich, Florence.
A new species of Coelastrum New Phytol. 20: 234-238 illus. D.1921 no.5
C. schizodermaticum

Small, James.
Notes on an easy method of camera lucida drawing New Phytol. 20: 238-241 illus. D.1921 no.5

Snow, R.
The hydrion theory of geotropism New Phytol. 20: 247-248 D.1921 no.5

Stiles, Walter.
Permeability. V. The permeability of membranes New Phytol. 20: 185-194 D.31,1921 no.5

New Zeal. Journ. Agr.

Campbell, J.A.
Lemon-culture. Directions for New Zealand growers. Diseases and insect pests New Zeal. Journ. Agr. 23: 330-335 D.1921

Cockayne, Leonard.
The southern-beech (Nothofagus) forests of New Zealand New Zealand Journ. Agr. 23: 353-360 illus. D.1921 no.6

Curtis, K.M. & G.H.Cunningham.
Black spot of apple and pear. Finding of the winter-spore form of the organisms in New Zealand. New Zeal. Journ. Agr. 23: 215-221 illus. O.1921
The significance of the development in New Zealand of the perithecia of the apple and pear black-spot organisms (Venturia inaequalis and Venturia pirina respectively). By K.M.Curtis.
A note recording the presence in New Zealand of the perithecial stages of apple and pear black-spot. By G.H.Cunningham. no.4

Howard, C.W.
Control of eelworm in tomato-houses. Experiments at Lower Hutt New Zealand Journ. Agr. 23: 225-227 O.1921 no.4

Phytopath.

American phytopathological society.
Summer meeting July 19-22, 1922 Phytopath. 11: 376-377 S.1921 [Ja.1922] no.9

Cook, M.T.
Sunburn and tomato fruit rots Phytopath. 11: 379-380 illus. S.1921 [Ja.1922] no.9

Cooley, J.S.
Disinfecting laboratory cutting instruments Phytopath. 11: 378 S.1921 [Ja.1922] no.9

Phytopath.

Cottam, W.P.
A "dry rot" disease of alfalfa roots caused by a Fusarium Phytopath. 11: 383 S.1921 [Ja.1922] no.9

Gilbert, W.W.
Sclerotium rolfsii on velvet beans. Phytopath. 11: 378 illus. S.1921 [Ja.1922] no.9

Güssow, H.T.
Leaf curling in tomatoes Phytopath. 11: 380-383 illus. S.1921 [Ja.1922] no.9
Not a disease, does not interfere with yield or quality of fruits; result of over pruning.

Lyon, H.L. & H.A.Lee.
Citrus canker in the Hawaiian Islands. Phytopath. 11: 377 S.1921 [Ja.1922] no.9

McAlpine, Daniel.
Bitter pit in apples and pears: the lates results in preventive measures. Phytopath. 11: 366-370 S.1921 [Ja.1922] no.9

Robbins, W.W.
Mosaic disease of sugar beets Phytopath. 11: 349-365 illus. S.1921 [Ja.1922] no.9
Literature cited: p.365.

Weston, W.H. jr.
A note relative to the recent appearance of the sugar cane downy mildew in the Philippines. Phytopath. 11: 371-375 S.1921 [Ja.1922] no.9
Literature cited: p.375.

Proc. Rochester Acad.

Fairman, C.E.
The fungi of our common nuts and pits Proc. Rochester Acad. 6: 73-115 pl.15-20 S.1921 no.3
Authorities quoted: p.108

Progr. Agr. & Vitic.

Foëx, Etienne.
Discussion sur les propriétés anticryptogamiques du cuivre Prog. Agr. et Vitic. 77: 62-66 Ja.15,1922 no.3

Ravaz, Louis & G. Verge.
Sur la germination des spores du mildiou de la vigne Prog. Agr. et Vitic. 77: 10-12 Ja.1,1922 no.1

Rec. Trav. Bot. Néerl.

Zollikofer, Clara
Ueber den einfluss des schwêrereizes auf das wachstum der koleoptile von Avena sativa Rec. Trav. Bot. Néerl. 18: 237-321 1921 no.3
Literatur: p.316-320.

Rev. Bot. Appl.

Camus, Aimée
Les andropogonées odorantes des région tropicales Rev. Bot. Appl. 1: 270-306 D.1921 no.4

Chevalier, Auguste.
Histoire et am´lioration des pommiers et spécialement des pommiers a cidre Rev. Bot. Appl. & Agr. Colon. 1: 149-215 D.1921 no.3

Gouraud,
La culture des arbres fruitiers en Syrie et Cilicie Rev. Bot. Appl. & Agr. Colon. 1: 129-148 D.1921 no.3

Wildeman, Emile de.
Quelques considérations sur les bananiers Rev. Bot. Appl. 1: 241-269 D.1921 no.4

Rev. Gén. Bot.

Allorge, Pierre

Les associations végétales du vexin français (suite) Rev. Gén. Bot. 33: 708-751 pl.9-12. N.1921 no.395.

Dufour, Léon

Notice sur Émile Boudier, président d'honneur de la Société mycologique de France Rev. Gén. Bot. 33: 673-683 port. N.1921 no.395

Poisson, H.

La flore septentrionale de Madgascar et la flore Malgache (suite) Rev. Gén. Bot. 33: 694-707 N.1921 no.395

Rev. Hort. Tunisie.

Pile, Alfred.

Les blessures de nos arbres (la gomme) Rev. Hort. Tunis. 20: 14-16 Ja.15,1922 no.162

Rhodora

Fernald, M.L.

The Gray herbarium expedition to Nova Scotia (cont.) Rhodora 23: 223-245 O.1921 [F.1922] no. 274.

Lophiola septentrionalis n.sp.

Long, Bayard.

A station for Croton glandulosus in New Jersey Rhodora 23: 221-223 O.1921 [F.1922] no.274

Parker, C.S.

Lathyrus nissolia, a recent introduction in the state of Washington Rhodora 23: 246 O.1921 [F.1922] no.274.

Science

Borodin, D.N.

The Russian bureau of applied botany Science 55: 129 F.3,1922 no.1414

Note of opening of permanent New York office of which Mr. Borodin is in charge.

Davis, B.M.

Species, pure and impure Science 55: 107-114 F.3,1922 no.1414

Rigg, G.B.

The identity of certain yellow pigments in plants and animals Science 55: 101-102 Ja.27,1922 no.1413.

Scient. Agr.

Dickson, B.T.

Diseases of the potato (cont.) Scient. Agr. 2: 202-206 illus. F.1922 no.6

White, E.W.

Apple tree anthracnose or black spot canker control Scient. Agr. 2: 186-191 illus. F.1922 no.6.

Scient. Month.

Robertson, Charles.

Flowers seasons Scient. Month. 14: 201-203 F.1922 no.2

Based upon observations made from 1884 to 1913 at Carlinville, Illinois.

Scott. Journ. Agr.

Smith, W.G.

Common weeds IX. Perennial weeds with greenish flowers Scott. Journ. Agr. 5: 39-48 illus. Ja.1922 no.1

Soil Sci.

Conner, S.D. & O.H.Sears.
Aluminum salts and acids at varying hydrogen-ion concentrations, in relation to plant growth in water cultures. Soil Sci. 13: 23-33 pl.1-4 Ja.1922
no.1

Webbia

Beccari, Odoardo
Le palme della Nuova Caledonia Webbia 5: 71-146 pl.i-xiii, 3 maps 1921 no.1

Beccari, Odoardo
Recensione delle palme del vecchio mondo appartenenti alla tribu delle corypheae con descrizione delle specie e varietà nuove che vi appartengono
Webbia 5: 5-70 1921 no.1

Chiovenda, Emilio
Le culla del cocco. Contributo alla ricerca della patria originaria della palme del cocco.
Webbia 5: 199-294 1921 no.1

Martelli, Ugolino
Odoardo Beccari Webbia 5: 295-353 port.
1921 no.1
Opere botaniche del dott. O. Beccari: 344-353.

Exper. Stat. Publ.

Clinton, G.P.
The botanical department Rep. of the Director Conn. Agr. Exp. Stat. 1920/21 (Its Bull. 232): 5-6
O.1921

Anderson, E.G.
The inheritance of salmon silk color in maize
Mem. Cornell Agr. Exp. Stat. 48: 535-554 col.pl. L-LIII N.1921 [Rec'd F.1922]
Literature cited: p.554

Barrus, M.F.
Bean anthracnose Mem. Cornell Agr. Exp. Stat. 42: 97-215 incl. pl. i-iii, col.pl. iv-viii
Jl.1921 [Rec'd F.1922]
Literature cited: p.199-209

Hopkins, E.F.
The Botrytis blight of tulips Mem. Cornell Agr. Exp. Stat. 45: 311-361 illus., col.pl.xxxiii Ag. 1921 [Rec'd F.1922]
Bibliography: p.359-361
Botrytis tulipae nov. comb.

McClintock, J.A.
Peach disease control Georgia Agr. Exp. Stat. Bull. 139 30 p. illus. D.1921
Literature cited: p.29-30.

Swingle, D.B.
Pear and apple blight in Montana Montana Agr. Exp. Stat. Circ. 98 (Rev. of no.2) 10 p. illus.
Ag.1921.

Wolf, F.A.
Studies on the physiology of some plant pathogenic bacteria Techn. Bull. North Carolina Agr. Exp. Stat. 20 47 p. D.1921
Literature cited: at end of each part.
I. Solid culture media with a wide range of hydrogen and hydroxyl ion concentration. By F.A.Wolf & I.V.Shunk (From Journ. Bact. v.6)
II. Further studies on bacterial blight of soybean. By I.V.Shunk & F.A.Wolf (From Phytopath. v.11)
III. Tolerence to acids and certain bacterial plant pathogenes. By F.A.Wolf & I.V.Shunk (From Phytopath, v.11)
IV. Thermal death points of some bacterial plant pathogenes in relation to reaction of the medium. By F.A.Wolf and A.C.Foster.

(See next sheet)

Exper. Stat. Publ.

Wolf, Frederick A. Studies on the physiology of some plant pathogenic bacteria (card 2)

V. The fermentation activity of some plant pathogenic bacteria in relation to hydrogen ion concentration. By F.A.Wolf & A.C.Foster.

VI. The application of certain recent studies on technic to methods of culture of plant pathogenes. By F.A.Wolf.

New Books

Bews, J.W.

An introduction to the flora of Natal and Zululand. Pietermaritburg, 1921.

Fruwirth, Karl.

Handbuch der landwirtschaftlichen pflanzenzüchtung bd.2 Die züchtung von mais, futterrübe und anderen rüben, ölpflanzen und gräsern 4. gänzl., umgearb. aufl. Berlin, 1921.

Sulman, Florence.

Popular guide to the wild flowers of New South Wales. London, 1913-14 2 v.

Library, Bureau of Plant Industry
Current Author Entries, 1921, List 77.
Indexed - February 13-25, 1921.

LIBRARY
RECEIVED
★ MAR 2 1922 ★
U.S. Department of Agriculture

Actas Acad. Nac. Cienc. Cordoba

Kurtz, Federico

Atlas de plantas fosiles de la Republica Argentina (Obra postuma de acuerdo con los manuscriptos del Dr. F. Kurtz) Acatas Acad. Nac. Cienc. Cordoba 7: 129-153 xxvii pl. 1921 no.1/2

Agric. Colon.

Cavara, Fridiano

Antonino Borzì Agric. Colon. 16: 1-15 port. Ja.1922 no.1

Amer. Journ. Bot.

Levine, Michael

Studies of plant cancers III. The nature of the soil as a determining factor in the health of the beet, Beta vulgaris, and its relation to the size and weight of the crown gall produced by inoculation with Bacterium tumefaciens Amer. Journ. Bot. 8: 507-525 illus. D.1921 [F.1922] no.10

Literature cited: p.525.

Paton, J.B.

Pollen and pollen enzymes Amer. Journ. Bot. 8: 471-501 D.1921 [F.1922] no.10

Bibliography: p.499-501

Taylor, W.R.

The embryology of Cyrtanthus parvifolius Baker Amer. Journ. Bot. 8: 502-506 pl.xxv-xxvi D. 1921 [F.1922] no.10

Bibliography: p.505

Amer. Journ. Sci.

Holm, Theodor.

Studies in the Cyperaceae XXXIII Carices aerorastachyae; macrochaete nob. and neosophilae nob. Amer. Journ. Sci. V, 3: 138-144 illus. F.1922 no.14

Hunter, M.R.

The present status of Scolopendrium in New York state Amer. Journ. Bot. 9: 28-36 illus. (maps) Ja.1922 [F.] no.1

Literature cited: p.36.

Nichols, S.P.

Methods of healing in some algal cells Amer. Journ. Bot. 9: 19-27 pl.iii Ja.1922 [F.] no.1

Literature cited: p.27

Pulling, H.E.

Biophysics as a point of view in plant physiology Amer. Journ. Bot. 9: 37-46 Ja.1922 [F.] no.1

Uphof, J.C.T.

Ecological relations of plants in southeastern Missouri Amer. Journ. Bot. 9: 1-17 pl.i-ii Ja.1922 [F.] no.1

Literature : p.17

Bergens Mus. Aarb.

Holmboe, Jens

Lidt om Monotropa hypopitys i Norge Bergens Mus. Aarb. 1919-20 Naturv. Raekke 4 21 p. 1921

Selland, S.K., 1867-1920

Hardangeromraadets flora. Karplantefloraen ved Hardangerfjorden og paa Hardangervidden Bergens Mus. Aarb. 1919-20 Naturv. Raekke 10 205 p. illus., port. pl. 1921

Bot. Gaz.

Robertson, Charles.
Flowers and insects XXI Bot. Gaz. 73: 148-152 F.1922 no.2

Stout, A.B.
Cyclic manifestation of sterility in Brassica pekinensis and B. chinensis Bot. Gaz. 73: 110-132 illus. F.1922 no.2
Literature cited: p.131-132

Trelease, William
The peltate peperomias of North America Bot. Gaz. 73: 133-147 pl.i-iv F.1922 no.2

Woodard, John
Sulphur as a factor in soil fertility Bot. Gaz. 73: 81-109 F.1922 no.2
Literature cited: p.106-109

Bull. Agr. Congo Belge

Contributions à l'étude du palmier à huile au Congo belge 14-15 Bull. Agr. Congo Belge 12: 506-529 illus. S.1921 no.3.
14. Notions botanico-agronomiques élémentaires concernant les racines de l'Elaeis par H. Vanderyst

Bull. N.Y. State Mus.

Dearness, John & H.H.House
New or noteworthy species of fungi II Bull. New York State Mus. 233/34: 32-43 1921
In Report of the state botanist for 1919.

House, H.D.
An index to the New York species of Mycosphaerella Bull. N.Y.State Mus. 233/34: 25-31 1921
In Report of the state botanist, 1919.

House, H.H.
Local flora notes VII Bull. N.Y. State Mus. 233/234: 7-15 1921
In the Report of the state botanist for 1919
Veronica baxteri n.sp.

House, H.D.
Necessary changes of certain plant names Bull. New York State Mus. 233/34: 60-69. 1921.
In Report of state botanist, 1919

House, H.H.
Notes on fungi VII Bull. N.Y. State Mus. 233/234: 15-25 1921
In the Report of the state botanist for 1919.

House, H.H.
Report of the state botanist, 1919 Bull.N.Y. State Mus. 233/34 73 p. pl. 1921

Kauffman, C.H.
Studies in the genus Inocybe Bull. N.Y. State Mus. 233/234: 43-60 1921
In Report of N.Y. state botanist, 1919.

Bull. Soc. Etudes Sci. Angers.

Sudre, H.
Conspectus systematicus Hieraciorum Europae (suite) Bull. Soc. Études Sci. Angers n.s., 50: 29-85 1921

Canad. Field Nat.

Sismey, E.D.
A contribution to the algae flora of the Okanagan (British Columbia) Canad. Field Nat. 35: 112-114 S.1921 [F.1921]

Compt. Rend. Acad. Sci. Paris.

Chemin, E.
Sur le parasitisme de Sphacelaria bipinnata Sauvageau Compt. Rend. Acad. Sci. Paris 176: 244-247 illus. Ja.1922 no.4

Compt. Rend. Acad. Sci. Paris

Combes, Raoul.
La formation des pigments anthocyaniques
Compt. Rend. Acad. Sci. Paris 174: 240-242
Ja.1922 no.4

Combes, Raoul.
La recherches des pseudo-bases d'anthocyanidines dans les tissus végétaux Compt. Rend. Acad. Sci. Paris 174: 58-61 Ja.1922 no.1

Dangeard, Pierre
Sur l'origine des vacuoles aux dépens de l'aleurone pendant germination des graiminées Compt. Rend. Acad. Sci. Paris 174: 319-321 illus. Ja.1922 no.5

Lesage, Pierre.
Etude des plantes salées, pendant la période où se produisent des anomalies Compt. Rend. Acad. Sci. Paris 174: 56-58 Ja.1922 no.1

Compt. Rend. Soc. Biol. Paris.

Lapicque, Louis.
Influence des acides et des bases sur une algue d'eau douce Compt. Rend. Soc. Biol. Paris 84: 493-496 Mr.1921

Gard. Chron.

Brown, N.E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 71: 9, 22 illus. Ja.7,14, 1922 no.1828-29.
Species of Glottiphyllum.

Robertson Proschowsky, A.
Palms of the Riviera (cont.) Gard.Chron.III, 71: 29 Ja.21,1922 no.1830

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.8-9. Gard. Chron. III, 71: 6-7, 30 Ja.7, 21, 1922 no.1828, 1830.
No. 8. Into the wild country. no. 9. In the limestone country.

House & Gard.

Finck, H.T.
The pawpaw - an American fruit... House & Gard. v.41, no.3, p.38, 88, 90 Mr.1922

Journ. Agr. Prat.

Noffray, E.
Le cystope blanc Journ. Agr. Prat. 86: 40-41 Ja.14,1922 no.2

Société de pathologie végétale.
Sur les propriétés anticryptogamiques du cuivre Journ. Agr. Prat. 86: 17-19 Ja.7,1922 no.1
Abstract of proceedings of society at meeting of Dec. 2, 1921.

Journ. Amer. Soc. Agron.

Vinall, H.N.
A study of the literature concerning poisoning of cattle by the prussic acid in sorghum, Sudan grass and Johnson grass Journ. Amer. Soc. Agron. 13: 267-280 O.1921 no.6/7
Literature cited: p.279-280.

Wakabayashi, S.
A study of hybrid oats, Avena sterilis x Avena orientalis Journ. Amer. Soc. Agron. 13: 259-266 O.1921 no.6/7
Literature cited: p.236.

Journ. Bd. Agr. Brit. Guiana

Waby, J.F.
Plants worth knowing Journ. Bd. Agr. Brit. Guiana 15: 18-25 Ja.1922 no.1
Beaumontia grandiflora, Stifftia chrysantha, Spathodea campanulata, Solandra grandiflora, Rondeletia speciosa, R. odorata, Solanum macranthum, Kigelia pinnata.

Journ. Bot.

Blake, S.F. & T.A.Sprague
On the generic name Wikstroemia Journ. Bot. 60: 52-54 F.1922 no.710

Cundall, Frank & W. Fawcett.
Dr. Anthony Robinson of Jamaica Journ. Bot. 60: 49-52 F.1922 no.710

Grove, W.B.
New or noteworthy fungi VII Journ. Bot. 60: 42-49 F.1922 no.710
Placosphaeria ulmi, Phomopsis garryae, P. hyperici, P. minuscula, P. oleariae, Cytospora hyperici, n.sp.

Groves, James.
Nitellopsis obtusa in northern India Journ. Bot. 60: 54-55 F.1922 no.710

Jackson, B.D.
Thomas Nuttall (1786-1859) Journ. Bot. 60: 57 F.1922 no.710
Note as to burial place of Nuttall.

Stephenson, T. & T.A.Stephenson
Hybrids of Orchis purpurella Journ. Bot. 60: 33-35 pl.561-562 F.1922 no.710

Journ. Dept. Agr. So. Africa.

Evans, I.B.P.
Botany and plant pathology Ann. Rep. Dept. Agr. So. Africa 1920/21 Journ. Dept. Agr. So. Afr. 4: 55-59 Ja.1922 no.1

Journ. Ind. Bot.

Bose, S.B.
Two new species of Polyporaceae Journ. Ind. Bot. 2: 300-301 2 pl. O.1921 no.10
P. friabilis, P. sarbadhikarii

Fyson, P.F.
The Indian species of Eriocaulon (cont.) Journ. Ind. Bot. 2: 307-320 illus., pl.24-41 O.1921 no.10

Petch, Thomas.
Lantana in Ceylon Journ. Ind. Bot. 2: 302-306 O.1921 no.10

Sabnis, T.S.
The physiological anatomy of the plants of the Indian desert (cont.) Journ. Ind. Bot. 2: 271-299 illus. O.1921 no.10

Journ. Min. Agr. Gt. Brit.

Cotton, A.D.
Potato leaf curl demonstrations Journ. Min. Agr. Gt. Brit. 28: 1019-1021 F.1922 no.11

Journ. Wash. Acad. Sci.

Brooks, Alfred
The scientist in the Federal service Journ. Wash. Acad. Sci. 12: 73-115 F.19,1922 no.4
Presidential address, Washington academy of sciences, Jan. 10, 1922.

Pittier, Henri
On the species of Dalbergia of Mexico and Central America Journ. Wash. Acad. Sci. 12: 54-64 F.4,1922 no.3

Meddel. Vestl. Forstl. Fosøksst.

Gaarder, Torbjørn & Oscar Hagem.
Salpetersyredannelse i udyrket jord I
Meddel. Vestl. Forstl. Forsøksst. nr.4 172 p.
illus. 1921 v.2, no.2.
German resumé
I. Orienterende analyser.
Literaturfortegnelse: p.159-162.

Smitt, Anton.
Beretning om en forstlig studiereise til Nord-Amerikas stillehavskyst Meddel. Vestl.Forstl.
Forsøksst. nr.5 142 p. illus., 6 tab. 1921
v.2, no.3.

Nuov. Ann. Min. Agr. Italy,

Cutore-Cara, Giuseppe.
Sull'attività del consorzii liberi contro la
bianca-rossa degli nella campagna 1920 in
provincia di Catania Nuov. Ann. Min. Agr.
Italy 1: 45-55 Je.1921 no.1

Peyronel, Beniamino
Una grave malattia de mandorlo prodotto dal
"Fusicladium amygdali" Ducomet Nuov. Ann.
Min. Agr. Italy 1: 27-44 illus. Je.1921 no.1

Voglino, Pietro
Servizio di segnalazione degli attacchi della
Plasmopara viticola. nel 1920 Nuov. Ann.
Min. Agr. Italy 1: 56-62 Je.1921 no.1

Philipp. Agr.

Aldaba, V.C.
The pollination of coconut Philipp. Agr.
10: 195-207 pl. D.1921 no.5
Bibliography: p.207

Welles, C.G.
Two serious plant diseases new to the Philippines
Philipp. Agr. 10: 253-254 D.1921 no.5
Cotton anthracnose; leaf spot of sweet potato
(Cercospora batatae)

Phytopath.

Eriksson, Jakob
The mycoplasm theory - is it dispensable or not?
Phytopath. 11: 385-388 O.1921 [F.1922] no.10

Faris, J.A.
Violet root rot (Rhizoctonia crocorum DC.) in
the United States. Phytopath. 11: 412-423
O.1921 [F.1922] no.10
Literature cited: p.423.

Hayes, H.K. & E.C.Stakman
Resistance of barley to Helminthosporium sativum P.K.B. Phytopath. 11: 405-411 O.1921
[F.1922] no.10
Literature cited: p.411.

Palm, B.T.
The false mildew of tobacco introduced into the
United States from the Dutch East Indies? Phytopath. 11: 430-432 O.1921 [F.1922] no.10

Rhoads, A.S.
The pathology of Lupinus arboreus, with special
reference to the decays caused by two wound-parasites -
Collybia velutipes and Pleurotus ostreatus
Phytopath. 11: 389-404 pl.xviii-xx O.1921[F.1922]
no.10.

Severin, H.H.P.
Minimum incubation periods of causative agent of
curly leaf in beet leafhopper and sugar beet
Phytopath. 11: 424-429 illus. O.1921[F.1922] no.10

Proc. Linn. Soc. N.S.W.

Maiden, J.H.

A few notes on the botany of Lord Howe Island (6th paper) Proc. Linn. Soc. N.S.W. 45: 564-566 Mr.1921 no.4

Rep. Agr. Res. Inst. Pusa.

Shaw, F.J.F.

Report of the Imperial mycologist Rep. Agr. Res. Inst. Pusa 1920-21 p.34-40 1921

Rev. Fac. Agron. Univ La Plata

Marchionatto, J.B.

Acacia visco (Lorenta) syn. A. platensis (manganaro) Rev. Fac. Agron. Univ. La Plata 14: 90-95 no.2

Bibliographia revisada: p.93-94.

Zeman, V.

Bacteriosis del bananero (una nueva enfermedad) Rev. Facul. Agr. Univ. La Plata 14: 17-30 illus. 1921 no.2

Bacillus musarum n.sp.

Riv. Biol.

Cortesi, Fabrizio

Antonino Borzi Riv. Biol. 3: 844-851 port. N./D.1921 no.4

Saggio bibliografico delle pubblicazioni: p.847-851

Zenari, Silvia.

Forme ereditarie e variabilità nei cicli di Sonchus oleraceus L. em. e di Sonchus asper Hill. Riv. Biol. 3: 709-742 illus., ii pl. N./D.1921 no.6

Riv. Patol. Veg.

Ciferri, R.

Una nuova malattia della Buddleia variabilis dovuta alla Phyllosticta montemartinii n.sp. Riv. Patol. Veget. 11: 114-115 D.1921 no.9/10

Maffei, Luigi

Una malattia delle foglie del "kaki" dovuta al Colletotrichum kaki n.sp. Riv. Patol. Veget. 11: 116-118 D.1921 no.9/10

U.S. Dept. Agr. Bull.

Spaulding, Perley

Investigations of the white-pine blister rust U.S.Dept. Agr. Bull. 957 100 p. vi pl. F.6, 1922

Literature cited: p.90-100.

U.S.Dept. Agr. Circ.

Winston, J.R.

Commercial control of citrus scab U.S.Dept. Agr. Circ. 215 8 p. F.14,1922

also in Flor. Grow. v.25, no.7, p.5, 26 illus. F.18,1922.

Exper. Stat. Publ.

Fromme, F.D.

The yellows disease of cabbage in southwest Virginia Virginia Agr. Exp. Stat. Bull. 226 9 p. illus. N.1921

Reprints from Journals not yet rec'd or not available.

Safford, W.E.

Cultivated plants of Polynesia and their vernacular names, an index to the origin and migration of the Polynesians Reprinted from Spec. Publ. Bernice P. Bishop Mus. no.7, p.183-187 1922.

New Books

Caullery, M.J.G.C.

Le parasitisme et la symbiose Paris, Doin, 1922.

New Books

Cockayne, Leonard.
The vegetation of New Zealand 1921 (Die vegetation der erde pt.14)

Engler, Adolf
Die pflanzenweit Afrikas. 2 Die dikotyledonen angiospermen 1921 (Die vegetation der erde pt.9, v.3, pt.2).

Messel, L.
A garden flora. Trees and flowers grown in the gardens at Nymans London, "Country life" 1918

Percival, John
The wheat plant London, Duckworth & Co., 1921.

Das pflanzenreich heft 77 Compositae-Hieracium
Sect. X pannosa ... bis Sedt. XVI tirdentata
von K.H.Zahn 1921.

Sanders, T.W.
Fruit foes London, W.H. & L. Collingridge, 1921

Taylor, A.D. & Cooper, G.D.
The complete garden Garden City, Doubleday, Page and Co., 1921.

Library, Bureau of Plant Industry.
Current Author Entries, 1921, List No.78.
Indexed - February 27- March 11,1922.

Agr. Gaz. N. S. W.

Hamblin, C.D.

"Foot rot" of wheat caused by the fungus Helminthosporium Agr. Gaz.N.S.W. 33: 13-19. illus. Ja.1922. No.1.

Agron. Colon.

Cayla, V.

A propos de la maladie des feuilles de l'Hevea en Amérique du Sud Agron. Colon. 6: 17-19 Ja.1922 No.49.

Amer. Bot.

Clute, W.N.

Plant names and their meanings X Leguminosae II Amer. Bot. 28: 27-35 F.1922 No.1.

Hardy, M. E.

Flora of the Michigan sand dunes Amer. Bot. 28: 6-9 F.1922 No.1

Nelson, Aven

Flora of the Navajo Indian reservation II Amer. Bot. 28: 20-25 F.1922 No.1

Eriogonum ferrissii, Heuchera clutei, Oenothera clutei, Phlox cluteana, Aquigelia navajonis n.sp.

Nelson, J.C.

Western plant names. Amer. Bot. 28: 41-42 F.1922 No.1.

Thorn-apple applied to Solanum carolinense,names for Ambrosia trifida

Old garden flowers II - The evening primroses. Amer. Bot. 28: 1-6 illus. F.1922 No.1

Snyder, F.D.

A disappearing species Amer. Bot. 28: 26-27 illus. F.1922

Stevens, O. A.

The Turtle mountains of North Dakota Amer. Bot. 28: 4-14 illus. F.1922 No.1

Amer. For.

Detwiler, S. B.

Blister rust appears in the Puget Sound region Amer. For. 28: 97-98 F.1922 No.338

Illick, J.S.

The sycamores Amer. For. 28: 145-150 illus. Mr.1922 No.339

Mulford, F.L.

Broad-leaved evergreen shrubs for the South Amer. For. 28: 99-101 illus. F.1922 no.338

Pine blister rust in British Columbia. Amer. For. 28: 125 F.1922 No.338

Sage, Hollister

The Royal palm (Oreodoxa regea) Amer. For. 28: 86-88 illus. F.1922 no.338

Stephenson, H. T.

Trees in winter Amer. For. 28: 79-84 illus. F.1922 no.338

Amer. Nat.

Burlingame, L. L.
Variation and heredity in Lupinus Amer. Nat. 55: 427-448 illus. S./O.1921[F.1922]. No.640
Literature cited: p. 448

Frost, H.B.
An apparent case of somatic segregation involving two linked factors Amer. Nat. 55: 461-464 S./O. 1921 [F.1922]

Jones, D.F.
Collins' remarks on the vigor of first generation hybrids. Amer. Nat. 55: 457-461 S./O.1921 No.640 [F.1922]

Sinnott, E.W.
The relation between body size and organ size of plants Amer. Nat. 55: 385-403 S./O.1921 [F.1922] no.640
Bibliography p. 402-403.

Ann. Bot.

Brown, William
Studies in the physiology of parasitism. VIII. On the exosmosis of nutrient substances from the host tissue into the infection drop Ann. Bot. 36: 101-119 Ja.1922 No.141

Fritsch, F.E.
The moisture relations of terrestrial algae I Ann. Bot. 36: 1-20. Ja.1922 no.141
Literature cited: p.19-20
I. Some general observations and experiments.

Jackson, V.G.
Anatomical structure of the roots of barley. Ann. Bot. 36: 21-39 illus. Ja.1922 no.141.

Prescott, J.A.
The flowering curve of the Egyptian cotton-plant Ann. Bot. 36: 121-130 Ja.1922 no.141
Literature cited: p.130.

Sharples, A. and Lambourne, J.
Observations in Malaya on bud-rot of coco-nuts Ann. Bot. 36: 55-70 pl.i-vii Ja.1922. no.141
References: p. 69

Williamson, H.S.
Some experiments on the action of wood on photographic plates Ann. Bot. 36: 91-100 pl. xi Ja.1922 no.141
Bibliography: p. 100

Ann. Mycol.

Diedicke, H.
Ueber einige Septoria-arten Ann. Mycol. 19: 296-299 D.31,1921 no.5/6
Rhabdostromina n.g., R. empetri (syn. S. empetri Rostr.); Laptochlamys n.g., L.scapicola (syn. S. thecicola var. scapicola)

Dietel, Paul
Zur umgrenzung der gattung Pileolaria Cast. Ann. Mycol. 19: 300-303 D.31,1921 no.5/6
New species in Mycosphaerella, Ascochyta, Ascochtula, Dendrophoma, Diplodia, Microdiplodia, Phoma, Rhabdospora & Septoria.

Sydow, Hans
Novae fungorum species XVII Ann.Mycol. 19: 304-309 D.31,1921 no.5/6

Ann. Rep. Dept. Agr. Uganda Prot.
Snowden, J.D. (acting botanist)
Report of the government botanist for the period 1st April to 31st Dec.1920 Ann. Rep. Dept.Agr. Uganda Prot. 1920 p.43-46 1921
Concerned entirely with plant diseases

Ann. Rep. Nebr. State Hort.Soc.
Peltier, G.L.
Orchard sanitation and hygiene Ann.Rep.Nebr. State Hort. Soc. 52: 108-118 1921

Arch. Protistenk.
Boresch, K.
Die komplementäre chromatische adaptation Arch. Protistenk. 44: 1-70 3 pl. D.1921 no.1
Literaturverzeichnis: p.63-66

Ber.Deut. Bot. Ges.
Gicklhorn, Jos.
Zur morphologie und mikrochemie einer neuen gruppe der purpurbakterien Ber.Deut. Bot. Ges. 39: 312-319 illus. D.1921 no.9
Chromatium linsbaueri, Rhabdochromatium linsbaueri n.sp.

Heinricher, Emil
Mistelträger im Botanischen garten zu Innsbruck Ber. Deut. Bot. Ges. 39: 291-295 N.1921. no.8.

Killermann, Sebastian
Neuer fund einer Vibrissea in Deutschland Ber. Deut. Bot. Ges. 39: 345-347 illus. D.1921 No.9 (V. turbinata

Kostychev, Sergei
Studien über photosynthese, I-III Ber. Deut. Bot. Ges. 39: 319-338 D.1921 no.9
Bibliographical foot notes

Lieske, Rudolf
Pfropfversuche IV Untersuchungen über die reizleitung der mimosen Ber. Deut. Bot. Ges. 39: 348-350 D.1921 no.9

Molisch, Hans
Ueber den einfluss der transpiration auf das verschwinden der stärke in den blättern Ber. Deut. Bot. Ges. 39: 339-344 illus. D.1921 no.9

Biochem. Zeitschr.
Kahho, Hugo
Ein beitrag zur giftwirkung der schwermetallsalze auf das pflanzenplasma III. Mitteilung Biochem. Zeitschr. 122: 39-51 S.1921 no.1/4

Biol. Zentralbl.
Oye, Paul van
Zur biologie der kanne von Nepenthese melamphora Reinw. Biol. Zentralbl. 41: 529-534 D.1921 no.12

Boll. Mens. R. Staz. Patol. Veg. Roma
Peyronel, Beniamino
Come avviene e come si previene la diffusione delle malattie crittogamische delle piante Bol. Mens. Inform. e Not. R. Staz. Patol. Veg. Roma 2: 119-124 1921 no.10/12

Bot. Not.
Due Rietz, G. E.
Ueber das wachsen der anzahl der konstanten arten und der totalen artenzahl mit steigendem areal in natürlichen pflanzenassoziationen Bot. Not. 1922 p.17-36
Literaturverzeichnis: p.36

Bryologist

Andrews, A.L.
Notes on North American Sphagnum IX Bryologist 24: 81-86 N.1921 [Mr.1922] no.6

Bailey, J.W.
Adventures in mossland - a hunt for Desmatodon latifolius (Hedw.) Brid. Bryologist 24: 86-88 N.1921 [Mr.1922] no.6

Bouly de Lesdain, Maurice
Lichenes prope Habanam in insula Cuba anno 1914 a cl. fratre Arsene Brouard lecti Bryologist 24: 68-69 S.1921[Mr.1922] no.5
Endopyrenium brouardi n.sp.; Tomasellia brouardi n.sp.; Toninia granosa nom. nov.

Hotson, J.W.
Sphagnum used as a surgical dressing in Germany during the world war Bryologist 24: 74-78, 89-96 illus. S., N.1921 [Mr.1922] no.5-6

Pearson, W.H.
Ricciocarpus natans (L) Corda from Africa Bryologist 24: 69-70 S.1921 [Mr.1922] no.5.

Plitt, C.C.
A preliminary report, with notes, on the lichens found near the Cinchona botanical station, Jamaica British West Indies Bryologist 24: 70-74 S.1921 [Mr.1922] no.5

Williams, R. S.
Mosses from British Guiana and Dominica, Lesser Antilles, collected by Miss E.F.Noel in 1914 Bryologist 24: 65-67 illus. (pl.iv) S.1921 [Mr. 1922] no.5. (Macromitrium trinitense n.sp.)

Bull. Agr. Inst. Sci. Saigon

Vincens, François
Une maladie du collet des crotalaires au Tonkin Observations faites avec la collaboration M. Phamtu-Thien Bull. Agr. Inst. Sci. Saigon 3: 381-384 D.1921 no.12. (Fusarium, possibly F.udum)

Bull. Imp. Inst. Gt. Brit.

Ceylon timbers Bull. Imp. Inst. Gt. Brit. 19: 282-288 1921 no.3.

Cinnamon: sources, production and trade Bull. Imp. Inst. Gt. Brit. 19: 319-348 1921 no.3.

Nigerian grasses for paper making Bull. Imp. Inst. Gt. Brit. 19: 271-282 1921 no.3.

Bull. Soc. Hist. Nat. Afr. Nord

Braun-Blanquet, Josias and Maire, R.
Contributions à l'étude de la flore marocaine Bull. Soc. Hist. Nat. Afr. Nord. 13: 13-22 1922 no.1
Fasc. 1 Fumaria emarginata, Cerastium geniculatum, Caralluma hesperidum, Convolculus glaouorum, Phalaris elongata n.sp.

Ducellier, L. and Maire, R.
Un Allium nouveau de la flore algérienne Bull.Soc. Hist. Nat. Afr. Nord 13: 22-23 1921 no.1
A. seitotrichum

Duvernoy, A. and Maire, R.
Champignons algériens nouveaux ou peu connus Bull. Soc. Hist. Nat. Afr. Nord. 13: 27-28 1922 no.1
1. Didymosphaeria costata n.sp.

Maire, René
Plantes récoltées par l'expédition Augiéras dans le Sahara occidental (1920-1921) Bull. Soc. Hist. Nat. Afr. Nord 13: 24-28 1922 no.1

Bull. Soc. Hist. Nat. Afr. Nord. (cont.)

Nicolas, Gustave

Notes de tératologie végétale (7. note) et remarques sur les virescences Bull. Soc. Hist.Nat. Agr. Nord 13: 7-12 1922 no.1

Bull. Soc. Linn. Normandie

Chemin, E.

Anomalies florales dans le genre Daphne Bull. Soc. Linn. Normandie VII, 3: 218-239 illus. 1921

Chemin, E. and Hédiard, L.

La cuscute du lin, Cuscuta epilinum Weihe dans le Calvados Bull. Soc. Linn. Normandie VII,3: 270-281 illus. 1921

Chemin, E.

Organisation florale et pollinisation chez les Lathraea Bull. Soc. Linn. Normandie VII, 3: 125-145 1921

Index bibliographique: p. 144-145

Viguier, René and Humbert, H.

Plantes récoltées à Madagascar en 1912 Bull. Soc. Linn. Normandie VII, 3: 325-356 1921

Viguier, René and Humbert, H.

Le Rheedia laka Bull. Soc. Linn. Normandie VII, 3: 255-260 1921

also Ochrocarpus decipiens var. rotundatus

Calif. Citrogr.

Street, E. A.

Death takes G. Harold Powell, general manager of exchange Calif. Citrogr. 7: 163. port. Mr.1922 no.5.

Centralbl. Bakt. Abt.II

Kurz, J.

Beiträge zur frage nach dem einfluss mechanischen druckes auf enstehung und zusammensetzung des holzes Centralbl. Bakt. abt.2, 55: 293-298 illus. J.1922 no.11/12

Laibach, Friedrich

Untersuchungen über einige Ramularia- und Ovularia-arten und ihre beziehungen zur askomyzetengattung Mycosphaerella II. Ovularia obliqua (Cooke) Oudem. Centralbl. Bakt. abt.2, 55: 284-293 illus. Ja.1922

Bibliographical foot notes no.11/13

To the Mycosphaerella species with typical "Ovularia-nebenfruchtformen" the author gives the name Ovosphaerella and to those found on Rumex lapathum, O. lapathi.

Citrus Indust.

Stevens, H.E.

Time to curb citrus scab Citrus Industr. v.3, no.2, p.17. F.1922

Compt. Rend. Acad. Sci. Paris

Bertrand, Gabriel and Rosenblatt, Mme. M.

Sur les variations de la teneur en manganèse des feuilles avec l'âge Compt. Rend. Acad. Sci. Paris 174: 491-493 F.1922 no.7

Bonnet, Eugène

Action des sels solubles de plomb sur les plantes Compt. Rend. Acad. Sci. Paris 174: 488-491 F.1922 no.7

Guérin, Paul

Le mucilage chez les urticées Compt. Rend. Acad. Sci. Paris 174: 480-482 F.1922 no.7.

Guilliermond, Alexandre and Mangenot, G.

Sur la signification des canalicules de Holmgren Compt. Rend. Acad. Sci. Paris 174: 485-488 illus. F.1922 no.7

Compt. Rend. Acad. Sci. Paris (cont.)
Jumelle, Henri
Les Neophloga, palmiers de Madagascar Compt. Rend. Acad. Sci. Paris 174: 483-485 F.1922. no.7.

Compt. Rend. Soc. Biol. Paris
Dufrenoy, Jean
Sur des tumeurs chancreuses de Diplodina castanrae Compt. Rend. Soc. Biol. Paris 85: 1059-1061 illus. D.10,1921 no.36

Cuba Rev.
Mell, C.D.
The cucumber tree Cuba Rev. v.20,no.3, p.16-18 illus. F.1922
Carambola (Averrhoa carambola); bilimbi (Averrhoa bilimbi)

Mell, C.D.
Cultivation of the jambolan Cuba Rev. v.20, no.3, p. 15-16 illus. F.1922
Eugenia jambolana

Mell, C.D.
The most beautiful tree known Cuba Rev. v.20, no.3, p.13-15 illus. F.1922
Royal poinciana (Poinciana regia)

Florida Grow.
Uphof, Johannes C.Th.
Breeding disease resistant plants Florida Grow. v.25, no.8, p.6 illus. F.25,1922

Flow. Grow.
Benedict, R.C.
The Brooklyn botanic garden fern chart Flow. Grow. 9: 53, 79-80 Mr.1922 no.3

Brown, C.W.
Gladiolus nomenclature Glower Grow. 9: 62-63 Mr.1922 no.3

Gard. Chron
Brotherston, R.P.
"The flower garden" Gard. Chron.III, 71: 30-31 Ja.21,1922
Book of this title publ. by Orr & Co. in 1837, followed by the "The greenhouse" and "The orchard" the latter two by Charles McIntosh, and all three illustrated with Baxter color prints and engravings

Brown, N.E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 71: 44, 55, 65. illus. Ja.28, F.4, 11, 1922. 1831-33.
Lithops

Cayley, D.M.
Die back of stone fruits Gard. Chron. III, 71: 71 F.11,1922 no.1833
Abstract of paper read before Brit. Mycol.Soc. Ja.21,1922. no.1833.

Dowson, W. J.
Michelmas daisy wilt Gard. Chron. III, 71: 63 F.11, 1922 no.1833
Abstract of paper before British mycological society, Ja.21,1922
Causal organism a Cephalosporium

Farrer, Reginald
Mr. Reginald Farrer's second exploration in Asia no. 37. The Moku-ji in August Gard. Chron.III, 71: 66 F.11, 1922 no.1833

Gard. Chron. (cont.)

Rayner, M. C.
Symbiosis in Calluna vulgaris [critical review of paper by H. Christoph] Gard. Chron. III, 71: 71 F.11,1922, no.1833
Abstract of paper read before Brit. Mycol.Soc. Ja.21,1922.

Roberts, William
A seedsman's broadside Gard. Chron.III, 71: 54, F.4,1922. no.1832
Of the firm of Vilmorin & cie., 1769.

Robertson-Proschowsky, A.
Palms of the Riviera Gard. Chron.III, 71: 67-68 illus. F.11,1922 no.1833
Trachycarpus excelsus

Savage, S.
The discovery of some of Jacques Le Moyne's botanical drawings. Gard. Chron. III, 71: 44 Ja.28, 1922 no.1831
Found in album of drawings in Victoria and Albert Museum, South Kensington

Gartenfl.

Wercklé, Charles
Die natürlichen wachstumsbedingungen der ephiphytischen orchideen in Costa Rica Gartenfl. 70: 121-123 1921 no.13/14

Ital. Agr.

Ciferri, R.
Le "pustole bianche" delle mele. Ital. Agr. 59: 16-17 Ja.15,1922
Cause: Trichothecium candidum

Journ. & Proc. Roy. Soc.N.S.W.

Cambage, R.H.
Acacia seedlings VI Journ. & Proc. R. Soc.N.S.W. 54: 146-162 pl.viii-x 1920

Cambage, R.H.
A new species of Queensland ironbark Journ. & Proc. R. Soc. N.S.W. 54: 48-51 pl. ii 1920.
Eucalyptus culleni n. sp.

Cheel, Edwin
Notes on Leptospermum flavescens Sm. var. grandiflourm Benth. Journ. & Proc. R. Soc. N.S.W. 54: 233-235 1920

Maiden, J.H.
Angophora clelandi n. sp. Journ. & Proc. R.Soc. N.S.W. 54: 175-176 1920

Maiden, J.H.
Descriptions of three new species of Eucalyptus Journ. & Proc. R. Soc. N.S.W. 54: 66-73 1920
E. camfieldi, E. de bruzevillei, E. eremophila

Maiden, J.H.
Notes on Eucalyptus no. IX Journ. & Proc. R. Soc. N.S.W. 54: 167-175 1920
E. adjuncta, notabilis, canaliculata

Maiden, J.H.
Notes on two Acacias. Journ. & Proc. R.Soc.N.S.W. 54: 227-232 1920.
A. westoni, A. granitica

Maiden, J.H.
On a box-trees from New South Wales and Queensland Journ. & Proc. R. Soc. N.S.W. 54: 163-166 1920 (Eucalyptus pelligaensis)

Journ. & Proc. Roy. Soc.N.S.W.
Penfold, A.R.
The essential oils of Leptospermum flavescens var. grandiflorum and Leptospermum odoratum. Journ. & Proc. R. Soc. N.S.W. 54: 197-201 1920

Welch, M. B.
Eucalyptus oil glands Journ. & Proc. R. Soc. N. S. W. 54: 209-217 illus., pl.xi-xiv (xi col.) 1920

Journ. For.
Faull, J. H.
Some problems of forest pathology in Ontario. Needle blight of white pine. Journ. For. 20: 67-70 Ja.1922 no.1
"Discovered in 1919 that the trouble lay in the roots, that the absorbing roots were largely dead in blighted trees"

Journ. Gen. Physiol.
Brooks, M. M.
The penetration of cations into living cells Journ. Gen. Phys. 4: 347-349 Ja.1922 no.3
Experiment with Nitella

Osterhout, W.J. VanL
Direct and indirect determinations of permeability Journ. Gen. Phys. 4: 275-283 Ja.1922 no.3

Refield, A.C. and Bright, E.M.
The effects of radium rays on metabolism and growth in seeds Journ. Gen. Phys. 4: 297-301 Ja.1922 no.3

Journ. Hered.
Coates, Leonard
The "peach-almond" hybrid Journ. Hered. 12: 328-329 illus. Ag./S.1921 [F.1922] no.7

Popenoe, Wilson
The native home of the cherimoya Journ. Hered. 12: 330-336 illus. Ag./S.1921 [F.1922] no.7

Journ. Ind. & Eng. Chem.
Noyes, H. A.
Composition basis for considering water requirements of plants Journ. Industr. & Engin. Chem. 14: 227-228 Mr.1922 no.3

Journ. Jamaica Agr. Soc.

Panama disease of bananas Journ. Jamaica Agr. Soc. 25: 467-469 D.1921 no.12

Journ. Soc. Nat. Hort. France
Denaiffe,
[Mildiou des épinards, causée par le Peronospora effusa] Journ. Soc. Nat. Hort. France IV, 23: 38-39 Ja.1922

Journ. Wash. Acad. Sci.
Rock, J. F.
[Up the rivers of Siam and Burma and through the forests to find the chaulmoogra oil trees] Journ. Wash. Acad. Sci. 12: 136-138 Mr.4,1922
Abstract of address before Bot. Soc. Washington Je.26,1921
Also remarks by Dr.F.B.Power on the chemistry of the chaulmoogra oil

Kolloidchem. Beih.
Möller, H. P.
Rhythmische fällungserscheinungen in pflanzlichen zellmembranen Kolloidchem. Beih. 14: 97-146 O.1921 no.3/5
Bibliographical foot notes

Meded. Inst. Plantenz. Dep. Landb. &c. Nederl. Ind.

Gäumann, Ernst

Over een bacterierle vaatbundelziekte der bananen in Nederlandsch-Indie (On a vascular bacterial disease of the banana...) Meded. Inst. Plantenz. Nederl. Ind. no.48 135 p. illus. viii pl. 1921

English summary

Pseudomonas musae

Gäumann, Ernst

Onderzoekingen over de bloedziekte der bananen op Celebes. (Investigations on the blood disease of bananas in the Celebes) Meded. Inst. Plantenz. Nederl. Ind. no. 50 47 p. vii pl. 1921

English summary

Bacterial diseases, organism not determined

Meded. Landbouwhoogesch. Wageningen

Luyten, Ida and Versluys, M. C.

De periodiciteit van de knopontwikkeling bij Rhododendron, Azalea en Syringa Meded. Landbouwhoogsch. Wageningen 22: 1-128 plates 1921

Meded. Nederl. Mycol. Ver.

Boedijn, K.

Nieuwe Nederlandsche Saprolegniaceën Meded. Nederl. Mycol. Ver. 11: 116-119 pl.iii Ag.1921

Cool, Catharina

Bijdragen tot de mycologische flora van Nederland Meded. Nederl. Mycol. Ver. 11: 95-115 Ag.1921

Doyer, L.C.

Eeinige saprophytische en parasietische schimmels op kiemende zaden aangetroffen Meded. Nederl. Mycol. Ver. 11: 60-65 Ag.1921

Lek, H.A.A. van der

Mycologische aanteekeningen IV-V Meded.Nederl. Mycol. Ver. 11: 85-94 pl.i-ii Ag.1921

Polyporus tuberaster in Nederland. Een interessant exemplaar van Polyporus giganteus bij Wageningen waargenomen

Lek, H.A.A. van der

Over eenige vraagstukken en leemten in de mycologie Meded. Nederl. Mycol. Ver. 11: 66-84 Ag.1921

Overeem, C. van

Bijdrage tot de kennis van het genus Inocybe Meded. Nederl. Mycol. Ver. 11: 125-126 Ag.1921

Overeem, C. van

Over eene anomalie bij het genus Geaster Meded. Nederl. Mycol. Ver. 11: 123-124 illus. Ag.1921

Mem. Dir. Agr. Mesopotamia

Dowson, V.H.W.

Dates and date culture of the Iraq Mem. Agr. Dir. Mesopotamia III 2 pts. 1921

Mitt. Deut. Dejdrol. Ges.

Baas-Becking, Fraulein

Staphylea colchica Stev. var. (nova) laxiflora Baas-Becking Mitt. Deut. Dendrol. Ges. 30: 124-129 illus. 1921

Bornmüler, Josef

Alnus incana (L.) Moench var. (nov.) ulmifolia Bornm. Mitt. Deut. Dendrol. Ges. 30: 118-121 pl.6 1921

Bornmüller, Josef

Ueber Tilia rubra DC spontan in Oberbayern, und einiges über ihr vorkommen in südöstlichen Europa Mitt. Deut. Dendrol. Ges. 30: 121-123 1921

Mitt. Deut. Dendrol. Ges. (cont.)
Fürstenberg, Max, freiherr von
Nordwestamerikanische nadelhölzer in ihrer heimat
Mitt. Deut. Dendrol. Ges. 30: 227-233 illus. 1921

Kronfeld, E.M.
Die zauberhasel Mitt. Deutsche Dendrol. Ges.30: 249-271 illus. 1921 (Bibliographical foot notes)

Küster, Ernst
Ueber Fagus silvatica var. asplenifolia Mitt. Deut. Dendrol. Ges. 30: 137-140 illus. 1921

Schwerin, Fritz, graf von
Der ahorn-runzelschorf, Rhytisma acerinum Fries. Mitt. Deut. Dendrol. Ges. 30: 186-188 1921

Teuscher, H.
Bestimmungstabelle für die in Deutschlands klima kultivierbaren Pinus-arten Mitt. Deut. Dendrol. Ges. 30: 68-114 pl.1-4 1921

Ulbrich, Eberhard
Denennung und formenkreis des besenginsters Mitt. Deut. Dendrol. Ges. 30: 129-131 illus., pl. 7-8 1921

Uphof, J. C. T.
Dendrologische ergebnisse aus dem Santa Katalina gebirge im südlichen Arizona. Mitt. Deut. Dendrol. Ges. 30: 207-214. pl.16-18. 1921

Month. Bull. Agr. Intell. & Pl. Dis.
Rovira, E.J.
The phytopathological services of Uruguay and the International phytopathological convention of Rome Month. Bull. Agr. Intell. & Plant Dis. 12: 360-361 Mr.1921 [1922]

Mycologia
Arthur, J.C.
Uredinales collected by Fred J. Seaver in Trinidad Mycologia 14: 12-24 Ja.1922 [Mr.] no.1

Davis, J.J.
[Difference between Pucciniastrum as it occurs on Rubus triflorus (R. pubescens) and on R. idaeus aculeatissimus (R. strigosa)] Mycologia 14: 46 Ja.1922 [Mr.] no.1
Experiments indicate that P. arcticum (Lagh.) Trans. and P. americanum (Farl.) Arth. are distinct and suggest that R. strigosus and R. occidentalis are not equivalent hosts of the latter.

Fink, Bruce
An addition to the distribution of a rare fungus Mycologia 14: 49-50 Ja.1922[Mr.]

Fitzpatrick, H.M., Thomas, H.E. and Kirby, R.S.
The Ophiobolus causing take-all of wheat Mycologia 14: 30-37 pl. 10. Ja.1922[Mr.] no.1
Ophiobolus cariceti

Krieger, L.C.C.
Schizophyllum commune with a stipe Mycologia 14: 47-48 Ja.1922 [Mr.] no.1

Murrill, W.A.
A fragrant polypore Mycologia 14: 46-47 Ja.1922 [Mr.] no.1
Trametes suaveolens found for the first time on poplar

Murrill, W. A.
Hygrophorus caprinus Mycologia 14: 48-49 Ja.1922[Mr.]

Mycologia (Cont.)
Murrill, W.A.
Illustrations of fungi XXXIII Mycologia 14: 25-29 pl. 2-9 Ja.1922 [Mr.] no.1

Overholts, L.O.
Diagnoses of American Porias I Mycologia 14: 1-11 illus., pl. 1 Ja.1922 (Mr.)
Contr. Dept. Bot. Penn. Stat. Coll. no.35.

Wann, F.B. and Muenscher, W.C.
A preliminary list of the Myxomycetes of the Cayuga Lake basin Mycologia 14: 38-41 Ja.1922 [Mr.] no.1

Nature
Cockerell, T.D.A.
A fossil buttercup Nature 109: 42-43 Ja.12, 1922 no.2724

Reid, E.M.
Fossil buttercups Nature 109: 136. F.2,1922 no.2727

Willis, J.C. and Yule, G.U.
Some statistics of evolution and geographical distribution in plants and animals and their significance Nature 109: 177-179 F.9,1922. no.2728

Nature Study Rev.
Alexander, W.P.
A nature-study paradise in western New York Nature-Study Rev. 17: 349-354 D.1921
New state reservation in Catteraugus Co.

Naturw. Wochenschr.
Reiche, Karl
Zur kenntnis des dickenwachstums der opuntien Naturw. Wochenschr. n.f., 21: 33-40 illus. Ja. 15, 1922 no.3.

Nuovo Giorn. Bot. Ital.
Ponzo, Antonino
Considerazioni sulle cistacee Nuovo Giorn. Bot. Ital. n.s. 28: 157-173 illus. D.1921

Parfum. Mod.
Jahandiez, Emile and Gattefossé, J.
Catalogue des végétaux aromatiques du Maroc. Parfum. Moderne 15: 7-16 illus. Ja.1922 no.1

Philipp. Journ. Sci.
Reinking, O. A. and Groff, G.W.
The Kao Pan seedless Siamese pummelo and its culture Philipp. Journ. Sci. 19: 389-437 15 pl., fold. plan O.1921 [F.1922] no.4
Diseases: p. 421-424

Phytopath.
Eriksson, Jakob
The life of Puccinia malvacearum Mont. within the host plant and on its surface Phytopath. 11: 459-463 N.1921 [F.1922] no.11
Extracted from his "Das leben des malvenrostpilzes in und auf nährpflanze" shortly to be publ. in Kgl. Sv. Vet. Akad. Handl.

Johnson, James
The relation of air temperature to certain plant diseases Phytopath. 11: 446-458 pl.xxi-xxiii N.1921 [F.1922] no.11
Literature cited: p. 457-458

Pritchard, F.J. and Porte, W.S.
Effect of fertilizers and lime on control of tomato leaf spot (Septoria lycopersici) Phytopath. 11: 433-445 N.1921 [F.1922] no.11
Literature cited: p. 439-440

Phytopath. (Cont.)
Zeller, S. M. and Owens, C.E.
European canker on the Pacific slope Phytopath. 11: 464-468 illus. N.1921 [F.1922] no.11

Proc. N. Y. Stat. Hort. Soc.
Van Slyke, L.L.
Composition of the insecticides and fungicides used in this state Proc. N.Y. State Hort. Soc. 66: 12-16 1921

Whetzel, H. H.
Fruit diseases of the past season Proc. N.Y. State Hort Soc. 66: 37-48 1921

Proc. Roy. Soc. Ser. B
Prankerd, T.L.
On the irritability of the fronds of Asplenium bulbiferum, with special reference to graviperception. Proc. Roy. Soc. B, 93: 143-152 illus., pl. 3 F.1922 no.650
Literature cited: p. 152

Queensl. Agr. Journ.
Bick, E.W.
Flowering trees of Brisbane botanic garden, Tabebuia rosea Queensl. Agr. Journ . 17: 27. no.1 Ja.1922

Jensen, H.I.
Some notes on the soils and forest flora of the dividing range, north of Roma Queensl. Agr. Journ. 17: 13-18 Ja.1922 no.1
Tabulation of flora collected, determined by Mr. White and geologically classified: p. 14-17.

Two vines reputed poisonous to plants Queensl. Agr. Journ. 17: 36 Ja.1922
Marsdenia rostrata (milk vine); Secamone elliptica.

White, C.T.
Illustrated notes on the weeds of Queensland no.25 A western burr (Sida platycalyx) Queensl. Agr.Journ. 17: 34-35 illus. Ja.1922 no.1

Rev. Gén. Bot.
Allorge, Pierre
Les associations végétales du vexin français (suite) Rev. Gén. Bot. 33: 792-810 16 pl. D.1921 no.396

Carpentier, A.
Revue des travaux de paléontologie végétale publiés dans le cours das années 1910-19 1 ptie. paléozoique Rev. Gén. Bot. 33: 771-791 D.1921 no.396

Jumelle, Henri
Le genre Sclerocarya a Madagascar Rev. Gén. Bot. 33: 753-757 D.1921 no.396

Poisson, H.
La flore septentrionale de Madagascar et la flore Malgache (suite et fin) Rev. Gén. Bot. 33: 758-770 D.1921 no.396

Rev. Hort.
Mottet, Seraphin
Un nouvel Abies: l'Abies koreana Wils. Rev.Hort. 94: 8-10 illus. Ja.16,1922 no.1

Rhodora
Fernald, M.L.
The Gray herbarium expedition to Nova Scotia (cont.)
Rhodora 23: 257-278 N.1921 [Mr.1922] no.275

Lewis, I.F. and Taylor, W.R.
Notes from the Woods Hole laboratory - 1921
Rhodora 23: 249-256 illus., pl. 133 N.1921
[Mr.1922] no.275

Pease, A. S.
Gray pine and Arbor-vitae. Rhodora 23: 247-249
N.1921 [Mr.1922] no.275

Science
Kelly, J.P.
The synthesis of ull coloration in Phlox
Science 55: 245 Mr.3,1922 no.1418

Torreya
Adams, J. F.
Observations on the spores of Schizophyllum commune Torreya 21: 98-100 N./D.1921 [F.1922] no.6

Berry, E.W.
Additional occurrences of pleistocene plants
Torreya 22: 10-11 Ja/F.1922 [Mr.]
Alabama & Tenn.

Cockerell, T. D. A.
Flora of Porto Santo Torreya 22: 4-10 illus.
Ja./F.1922 [Mr.] no.1

Harper, R.M.
Cape Cod vegetation Torreya 21: 91-98 illus.
N./D.1921 [F.1922] no.6

Hollick, Arthur
Local flora notes - Staten Island Torreya 22:
1-3 Ja./F.1922 [Mr.] no.1

Small, J.K.
Another Sonchus for America Torreya 21: 100-101
N./D.1921 [F.1922] no.6

Trans. R. Scott. Arbor. Soc.
Kay, James
Treatment of forest seed-beds with disinfectants to
prevent damping-off Trans. R. Scott. Arbor. Soc.
35: 70-72 S.1921

Wilson, Malcolm
The diseases of the Douglas fir Trans. R. Scott.
Arbor. Soc. 35: 77-78 S.1921 no.1

Wilson, Malcolm
A newly-recorded disease on Japanese larch, caused
by Phomopsis pseudotsugae Trans. R. Scott. Arbor.
Soc. 35: 73-74 S.1921 no.1

U. S. Dept. Agr. Bull.
Brown, E.B. and Garrison, H.S.
Effect of date of seeding on germination, growth,
and development of corn U. S. Dept. Agr. Bul.1014
11 p. Ja.11,1922

Brown, E.B.
Effects of mutilating the seeds on the growth and
productiveness of corn U.S.Dept. Agr. Bull. 1011
14 p. ii pl. F.23,1922
Literature cited: p. 14

Elliott, Charlotte
Sterility of oats U.S.Dept. Agr. Bull. 1058.
8 p. iv pl. Mr.6,1922

Vict. Nat.

Pescott, E. E.

Notes on Mueller's literary work Victorian Nat. 38: 98-102 Ja.1922 no.9

Zeitschr. Bot.

Noack, Kurt

Physiologische untersuchungen an flavonolen und anthocyanen Zeitschr. Bot. 14: 1-74 1922 no.1

Reprints from Journals not yet received or not available.

Fischer, Eduard

Mykologische beiträge 18-26 Reprinted from Mitt. Naturf. Ges. Bern. 1921 illus. 1922

18. Staheliomyces cinotus, ein neuer typus aus der gruppe der phalloideen. 19. Ueber Onygena arietina Ed.Fischer. 20. Die heteroecie von zwei auf Polygonum alpinum wohnenden puccinien. 21. Die spezialisation bei den parasitischen pilzen und die toxischen idiopathien beim menschen. 22. Zur frage der ueberwinterung und spezialisation von Puccinia malvacearum. 23. Zur kenntis von Mutinus xylogenus (Mont.) 24. Weitere beobachtungen an Staheliomyces cinctus. 25. Jugendstadien des fruchtköpers von Leucogaster. 26. Nachtrag zu Onygena arietina.

Exper. Stat. Publ.

Neal, D.C.

Report of the plant pathologist Mississippi Agr. Exp. Stat. 34(1920/21): 34-38 1921

In the Ann. Rep. Dept. bot.

Blake, M. A., Cook, M. T. and Conners, C.H.

Recent studies on peach yellows and little peach New Jersey Agr. Exp. Stat. Bul. 356 62 p. illus. 2 pl. O.1921 [Rec'd. Mr.1922]

Poole, R. F.

The Sclerotinia rot of celery New Jersey Agr. Exp. Stat. Bul. 359 27 p. illus. Ja.1922

References: p. 27

New Books

Maiden, J.H.

Forest flora of New South Wales v.7, pt.9 (pt.LXIX) 1921

Library, Bureau of Plant Industry
Current Author Entries, 1921, List 79.
Indexed - March 13 - 25,1922.

LIBRARY
RECEIVED
★ APR 1922 ★
U.S. Dep

Addisonia

Addisonia v.6, no.4 D.1921 [Mr.1922]

Dahlia "Dahliadel century"	6: 49-50	col.pl.217
Dahlia "Ami nonin"	6: 51-52	col.pl.218
Dahlia "Mme. J. Coissard"	6: 53-54	col.pl.219
Dahlia "Marguerie Clark"	6: 55-56	col.pl.220
Dahlia "Miss Nannie B. Moor"	6: 57-58	col.pl.221
Dahlia "King of the Autumn"	6: 59-60	col.pl.222
Dahlia "W.W.Rawson"	6: 61-62	col.pl.223
Dahlia "Douglas Fucker"	6: 63-64	col.pl.224

Agr. Gaz. N.S.W.

Brereton, W.L., C.O.Hamblin & W.B.Stokes
Black spot of pear and apple Agr. Gaz.N.S.W. 33: 123-130 illus. F.1922 no.2

Agr. Journ. India

McLean, Kenneth
Water hyacinth, a serious pest in Bengal Agr. Journ. India 17: 23-40 pl.ii-iii Ja.1922

Agr. News

Ashby, S.F.
Eyespot: a disease of the cane leaf Agr. News 21: 63 F.18,1922 no.517
Fungus: Helminthosporium (Cercospora) sacchari (Br. de Haan) Butl.

Ashby, S.F.
Three major cane diseases Agr. News 21: 62 F.18,1922 no.517
Mosaic, sereh & Fiji disease

Ashby, S.F.
Summary of information during 1921 [on plant diseases] Agr. News 21: 46 F.4,1922 no.516

Amer. Journ. Bot.

Arndt, C.H.
The growth of field corn as affected by iron and aluminum salts Amer. Journ. Bot. 9: 47-71 pl. iv F.1922 [Mr.] no.2
Bibliography: p.70-71

La Rue, C.D. & H.H.Bartlett
A demonstration of numerous distinct strains within the nominal species Pestalozzia guepini Desm. Amer. Journ. Bot. 9: 79-92 F.1922 [Mr.] no.2
References: p.92

Schaffner, J.H.
Control of the sexual state in Arisaema triphyllum and Arisaema dracontium Amer. Journ. Bot. 9: 72-78 F.1922 [Mr.] no.2
Literature cited: p.78

Amer. Journ. Sci.

Berry, E.W.
Carboniferous plants from Peru Amer. Journ. Sci. V, 3: 189-194 Mr.1922 no.15

Amer. Nat.

Belling, John
On counting chromosomes in pollen-mother cells Amer. Nat. 55: 573-574 N./D.1921 [F.1922] no.641

Ann. Serv. Épiph.

Arnaud, Gabriel
Etude sur les champignons parasites (Parodiellinacées inclus Erysiphées) Ann. Serv. Epiph. 7: 1-115 pl.-ix 1921
Index bibliographique: p.109-113.

Aumiot, Just
Sur le perfectionnement de la pomme de terre et sa résistance aux maladies Ann. Serv. Epiph. 7: 288-293 1921

Ann. Serv. Epiph.

Blanchard, Emile & Cl. Perret
La maladie de l'enroulement de la pomme de terre Compte rendu des expériences organisées à Merle et dans la plaine du Forez en 1919 Ann. Serv. Epiph. 7: 294-303 1921

Chifflot, Jean
Les maladies cryptogamiques des abricotiers dans la vallée du Rhone Ann. Serv. Epiph. 7: 315-322 1921
Index bibliographique: p.321-322

Dufrénoy, Jean
Les maladies du melon Ann. Serv. Epiph. 7: 405-420 illus. 1921

Foëx, Etienne
La maladie de l'enroulement de la pomme de terre Ann. Serv. Epiph. 7: 281-288 2 pl. 1921

Foëx, Etienne
Station de pathologie végétale de Paris Ann. Serv. Epiph. 7: 428-431 1921

Marchal, Paul & Foëx, Etienne
Rapport phytopathologique pour les années 1919-20 Ann. Serv. Epiph. 7: i-lxxxvii 1921

Missions relatives à l'étude des ennemis et des maladies des plantes allouées en 1919 & 1920 par la direction des Services sanitaires et scientifiques Ann. Serv. Epiph. 7: 438-441 1921

Paillot, A.
Les traitements simultanés contre les maladies cryptogamiques et les insectes parasites des arbres fruitiers par les bouillies mixtes Ann. Serv. Epiph. 7: 169-194 ii pl. 1921

Perret, Claude
Sur les maladies des pommes de terre Ann.Serv. Epiph. 7: 304-314 1921

Quanjer, H.M. & E. Foëx
Mission d'études sur les maladies de la pomme de terre en France Ann. Serv. Epiph. 7: 267-280 1921

Biiochem. Journ.

Coward, K.H. & J.C.Drummond
The formation of vitamin A in living plant tissues Bioche. Journ. 15: 530-539 1921 no.4
References: p.539

Haas, Paul
On carrageen. Chondrus crispus II On the occurrence of ethereal sulphates in the plant Biochem. Journ. 15: 469-476 1921 no.4
References: p.476

Bol. Camara Agr. Costa Rica

Matz, Julius
La enfermedad de la raíz en el café Bol. Camara Agr. Costa Rica 1: 259-264 D.1921 no.9

Zeman, V.
Bacteriosis del bananero Bol. Camara Agr. Costa Rica 2: 23-32 F.1922 no.1

Bot. Gaz.

Blomquist, H.L.
Vascular anatomy of Angiopteris evecta Bot.Gaz. 73: 181-199 illus., pl.v-viii Mr.1922 no.3
Literature cited: p.198-199

Evans, C.R.
Effect of temperature on germination of Amaranthus retrofelxus Bot.Gaz. 73: 213-225 Mr.1922 no.3
Literature cited: p.225.

Bot. Gaz.

Greaves, J.E.

Influence of slats on bacterial activities of soil Bot. Gaz. 73: 161-180 Mr.1922 no.3

Literature cited: p.178-180

McDougall, W.B.

Symbiosis in a deciduous forest I Bot.Gaz. 73: 200-212 Mr.1922 no.3

Martin, G.W.

Rhizophidium polysiphoniae in the United States Bot. Gaz. 73: 236-238 illus. Mr.1922 no.3

Rayner, M.C.

Nitrogen fixation in Ericaceae Bot. Gaz. 73: 226-235 illus. Mr.1922 no.3

Bot. Közlem.

Györffy, István

Miscellanea bryologica Hungarica I-V Bot. Közlem. 19: 7-16 illus. 1921 no.1/6

Bibliographical foot notes

German resumé: p. (1)-(2)

Cladosporium herbarum in diversorum sporogoniis muscorum: p.7-90 illus.

Husz, Béla

Adatok a Magas-Tátra és a Szepesség mikroszkopikus gombaflórájának ismeretéhez. Bot. Közlem. 19: 96-105 1921 no.1/6

German resumé (Beiträge zur kenntnis der mikroskopischen pilzflora der Hohen Tatra und der Zips): p. (17)

Jávorka, S.

Uj adatok Albánia Flórájához (Novitates florae Albanicae) Bot. Közlem. 19: 17-29 1921 no.1/6

German resumé: p. (3)

Kümmerle, J.B.

Asplenium bornmülleri Kümm. spec.nov. Bot. Közlem. 19: 81-83 illus. 1921 no.1/6

German resumé: p. (13)-(14)

Mandl, Károly & Árpad Kiss

Új keletszibériai növények Bot. Közlem. 19: 89-94 1921 no. 1/6

German resumé (Neue ostsibirische pflanzenarten): p. (15)

Moesz, Gustav

Mykologiai közlemények IV. Közl. Bot. Közlem. 19: 44-66 illus. 1921 no.1/6

German resumé (Mycologische mitteilungen): p.(6)-(11)

Conostroma didymum n.g., n.sp. Phomopsis quercicola, P. daucicola, Septoria alii, S. phlomidis, Fusarium lineare, Spicaria fimetaria, Sterigmatocystis szurákiana, Urocystis sternbergiae, Sphacelotheca strangulans, S. spermophora n.sp.

Botaniste.

Dangeard, P.A.

Recherches sur l'assimilation chlorophyllienne 1re ptie Botaniste 14: 1-98 Je.1921 no.1/2

Bull. Dept. Agr. Bombay

Burns, William & S.H.Prayag

The book of the mango Bull. Dept. Agr. Bombay 103 of 1920 98 p. plates 1921

Pests and diseases: p.63-70.

Mann,H.H.

Investigations on potato cultivation in western India Bull. Dept. Agr. Bombay 102 of 1920 145 p. ix pl. 1921

Bull. Dept. Agr. Bombay

Mann, H.H. & B.M.Joshi
A chemical study of "heart rot" or "black heart" of potato Bull. Dept. Agr. Bombay 102 of 1920 p.112-142 1921

Mann, H.H. & S.D.Nagpurkar
The ring disease of potato Bull. Bombay Dept. Agr. 102 of 1920 p.38-57 1921

Mann, H.H. & S.D.Nagpurkar
The storage of potatoes Bull. Dept. Agr. Bombay 102 of 1920 p.84-101 pl.viii-ix 1921
Black heart rot of potatoes in storage: p.84-88 pl.viii

Nagpurkar, S.D. & G.S.Kulkarni
Other diseases found in the seed Bull. Dept. Agr. Bombay 102 of 1920 p.57-75 pl.ii-v 1921
Dry rot of potato tubers. Rhizoctonia blight. Powdery scab. Eelworm disease.

Prayag, S.H.
The Ganeshkind botanical garden, Kirkee, its genesis and development Bull. Dept. Agr. Bombay 104 of 1920 48 p. 5 pl. 1921

Bull. Écon. Indochine

Crevost, Ch. & F. de Fénis
Le camphier du Tonkin Bull. Écon. Indochine 24: 367-427 illus., plates Jl./ Ag.1921[1922?] no.149

Bull. Misc. Inform. Kew

The drought of 1921 at Kew Bull. Misc.Inform. Kew 1922 p.1-10 [Rec'd Mr.1922] no.1

Emmenopterys henryi, Oliver Bull. Misc. Inform. Kew 1922 p.48 [Rec'd Mr.1922] no.1

Hughes, D.K.
Further notes on the Australian species of Stipa Bull. Misc. Inform. Kew 1922 p.15-22 illus. [Rec'd Mr.1922] no.1

Turrill, W.B.
The Kew lawns and the drought (An account of observations made during the second and third weeks of August 1921) Bull. Misc. Inform.Kew 1922 p.10-13 [Rec'd Mr.1922] no.1

Bull. Mus. Hist. Nat. Paris

Benoist, Raymond
Liste de plantes récoltés par M. Wachenheim en Guyane française Bull. Mus. Hist. Nat. Paris 27: 366-368 1921 no.5
Capirona leiophloea n.sp.

Camus, Aimée
Espèces et variété nouvelles de graminées asiatiques Bull. Mus. Hist. Nat. Paris 27: 455-456 1921 no.6
Oxytenanthera poilanei, Garnotia poilanei, Oryza latifolia var. silvatica, Digitaria quinhonensis

Camus, Aimée
Note sur les espèces asiatiques du genre Schima Forsk. Bull. Mus. Hist. Nat. Paris 27: 372-373 1921 no.5

Camus, Aimée
Note sur quelques genres de graminées Bull. Mus. Hist. Nat. Paris 27: 369-371 1921
Thyrsia, Phacelurus, Pseudophacelurus, Peltophorus

Chevalier, Auguste & A. Camus.
Deux bambous nouveaux de l'Annam Bull. Mus. Hist. Nat. Paris 27: 450-454 illus. 1921 no.6
Arundinaria pusilla, Cephalostachyum langbianense.

Bull. Mus. Hist. Nat. Paris
Gagnepain, François
Dimerocarpus brenieri Gagnep. nov.gen, nov.sp.
Bull.Mus.Hist.Nat.Paris 27: 441-442 illus. 1921 no.6

Lecomte, Henri
Une juglandacée du genre Carya en Indochine
Bull. Mus. Hist. Nat. Paris 27: 437-440 illus.
1921 no.6
Carya tonkinensis

Patouillard, Narcisse
Quelques champignons de Madagascar Bull.Mus.
Hist. Nat. Paris 27: 375-376 1921 no.5
Geaster decaryi, Leucoporus fulvipes, Trametes
decaryi n.sp.

Pellegrin, François
Plantae Letestuanae novae ou plantes nouvelles
récoltées par M. Le Testu de 1907 à 1919 dans le
Mayombe congolais. III Bull. Mus. Hist. Nat.
Paris 27: 444-449 1921

Bull. Soc. Path. Vég. France
Beauverie, Jean
Sur une soi-diant "maladie" ayant causé la
perte de 45,000 semis de châtaigniers Bull.
Soc. Path. Vég. France 8: 127-129 illus. F.1922
no.4

Bois, Desiré
Présentation d' échantillons du maïs attaqués
par le charbon du mays et à inflorescenes adnrogynes
Bull. Soc. Path. Vég. France 8: 139
iii pl. F.1922

Ducomet, Vital
Oïdium de la pomme de terre er oïdium de la
betterave Bull. Soc. Path. Vég. France 8:
153-154 F.1922 no.4

Dufrénoy, Jean
Les maladies des pommes de terre dans les Hautes-
Pyrénées (août-septembre 1921) Bull. Soc.Path.
Vég. France 8: 137-138 F.1922 no.4

Foëx, Etienne
Enroulement et leptonécrose Bull. Soc.Path.
Vég. France 8: 148-149 F.1922 no.4

Gard, Médéric
A propos de la germination des conidies du mildiou
de la vigne (Plasmopara viticola Berk. et
Cur.) Berl. et de Toni Bull. Soc. Path.
Vég. France 8: 130-131 F.1922 no.4

Guyot,
Notes de pathologie végétale Bull. Soc.Path.
Vég. France 8: 132-136 F.1922 no.4
Cladosporium herbarum on wheat; Fusarium culmorum
on oats & barley; Urophlyctis alfalfae on lucerne;
disease of the elm no.4

Résumé des dicussions sur la toxicité du cuivre
Bull. Soc. Path. Vég. France 8: 158-188 F.1922
no.4
Note additionnelle de M.N.Bezssonoff, de M. Dantony;
de M.Gain; de MM. Ravaz et G. Verge; de M. et
Mme. Villedieu: p.180-188

Il Coltiv.
Ippolito, Giulio d'
A proposito di cuscuta e di legislazione fitopatologica
Coltiv. 68: 146-149 F.20,1922 no.5

Compt. Rend. Acad. Sci. Paris
Georgevitch, Pierre
L'origine du centrosome et la formation du fuseau
chez Stypocaulon scoparium (L.) Kütz Compt.
Rend. Acad. Sci. Paris 174: 695-696 Mr.1922 no.10

Compt. Rend. Acad. Sci. Paris

Guilliermond Alexandre & G. Mangenot
Sur la signification de l'appareil réticulaire de Golgi Compt. Rend. Acad. Sci. Paris 174: 692-694 illus. Mr.1922 no.10

Crop Prot. Digest Bull. Ser.

Crop protection institute
Cooperative dusting and spraying experiments in 1921 Its Crop Prot. Digest Bull. Ser. v.1, no.2 30 p. F.1922

Ecology

Cooper, W.S.
The cological life history of certain species of Ribes and its application to the control of the white pine blister rust Ecology 3: 7-16 Ja.1922 [Mr.] no.1

Moore, Barrington
Influence of certain soil factors on the growth of tree seedlings and wheat Ecology 3: 65-83 Ja.1922 [Mr.] no.1
Literature cited: p.82-83

Gard. Chron.

Brotherston, R.P.
The greenhouse, hothouse and stove Gard. Chron. III, 7: 78 F.18,1922 no.1834

Brown, N.E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 71: 80, 92-93 F.18,25, 1922 no.1834-5.
p.92 Argyroderma

Bunyard, E.A.
An early Vilmorin catalogue Gard. Chron. III, 71: 78 F.18,1922 no.1834
Catalogue of 1771.

Farrer, Reginald
Mr. Reginald Farrer's second exploration in Asia no.38. In camp on the Moku-ji Gard. Chron. III, 71: 90 F.25,1922 no.1835

Payne, C.H.
Definition of "Isabelle" Gard. Chron. III, 71: 91 F.25,1922 no.1835

Gard. Chron. Amer.

White, E.A.
The progress of the rose in America Gard. Chron. Amer. 26: 80-82 illus. Mr.1922 no.3

Hacienda

Wilcox, E.M.
Los carbones de los cereales Hacienda 17: 89-93 illus. Mr.1922 no.3.

Journ. Agr. Sci.

Armstrong, S.F.
The Mendelian inheritance of susceptibility and resistance to yellow rust (Puccinia glumarum, Eriks. et Henn.) in wheat Journ. Agr. Sci. 12: 57-96 F.24,1922 no.1
List of papers referred to: p.96.

Goodey, T.
On the susceptibility of clover and some other legumes to stem-diseases caused by the eelworm, Tylenchus dipsaci, syn. devastatrix, Kühn Journ. Agr. Sci. 12: 20-30 pl.1 F.24,1922 no.1

Newton, Robert
A comparative study of winter wheat varieties with especial reference to winter-killing Journ. Agr. Sci. 12: 1-19 F.24,1922 no.1
References: p.18-19.

Journ. Agr. Sci.

Salaman, R.N. & J.W.Lesley

Genetic studies in potatoes: sterility Journ. Agr. Sci. 12: 31-39 pl.ii F.24,1922 no.1

References: p.39

Journ. Agr. Univ. Calif.

Martin, J.P.

The honey bee and pear blight Journ. Agr.Univ. Calif. v.7, no.6, p.4,17, 22 O.1921 [Ja.1922]

Journ. Amer. Pharm. Assoc.

Farwell, O.A.

Source of balsam poplar buds Journ. Amer. Pharm. Assoc. 11: 184-185 Mr.1922 no.3

Viehover, Arno & Clevenger, J.F.

Domestic and imported Veratrum (hellebore) Veratrum viride Ait., Veratrum californicum Durand and Veratrum album L. II. Chemical studies. Journ. Amer. Pharm. Assoc. 11: 166-173 Mr.1922 no.3

Bibliography (chemical): p.173-174; (physiological): p.174.

Journ. Dept. Agr. & Techn. Instr. Ireland.

Potatoes - varieties immune from black scab or wart disease, 1921 Journ. Dept. Agr. Techn. Instr. Ireland 21: 477-482 1922 no.4

Journ. Dept. Agr. So. Africa.

Bottomley, A.M.

Note on Urophlyctis alfalfae on lucerne Journ. Dept. Agr. So.Africa 4: 153-155 illus. F.1922 no.2

Literature consulted: p.155

Journ. Elisha Mitchell Soc.

Coker, W.C. & H.C.Bearslee

The Collybias of North Carolina Journ.Elisha Mitch. Sci. Soc. 37: 83-107 pl.1, 4-23 (pl.1,col.) D.1921 [Mr.1922] no.1/2

Journ. N.Y. Bot. Gard.

Small, J.K.

Historic trails, by land and by water. A record of exploration in Florida in December 1919 Journ. N.Y. Bot. Gard. 22: 193-222 pl.263-266 N./D.1921 [Mr.1922] no.263/4

Peperomia cumulicola Small

Journ. R. Hort. Soc.

Bunyard, E.A.

The winter study of fruit trees Journ. Roy. Hort. Soc. 47: 18-25 pl. Ja.1922 no.1

The classification of garden irises. Journ.R. Hort. Soc. 47: 2-7 Ja.1922 no.1

Hurst, C.C.

Notes on the origin of the moss-rose Journ. Roy. Hort. Soc. 47: 26-42 Ja.1922 no.1

List of authors cited: p.40-42

Rawes, A.N.

Pollination in orchards V. Summary of apple pollination investigations Journ. R. Hort. Soc. 47: 8-14 Ja.1922 no.1

___ VI. Pollen-carrying agents. Journ. R. Hort. Soc. 47: 15-17 Ja.1922 no.1

Library Journ.

Oberly, E.R.

The contribution of librarians to agricultural history and research Libr. Journ. 47: 249-254 Mr.15,1922 no.6

Paper presented at the Swampscott meeting of the Agr. Libr. Sect. of the A.L.A. Je.21,1921

New Zeal. Journ. Agr.

Cunningham, G.H.
A fungus disease attacking blackberry, identified as raspberry cane-wilt New Zeal. Journ. Agr. 24: 23-26 Ja.1922 no.1
Leptosphaeria coniothyrium (Fcl.) Sacc.

Cunningham, G.H.
Some recent changes in the names of plant-diseases (cont.) New Zeal. Journ.Agr. 24: 37-45 Ja.1922 no.1

Waters, R. & E.H.Atkinson
Yellow-leaf disease in Phormium tenax. Preliminary report on current investigation. New Zeal. Journ. Agr. 24: 27-32 illus. Ja.1922 no.1

Oesterr. Bot. Zeitschr.

Ginzberger, August
Beitrage zur kenntnis der flora der Scoglien und kleineren inseln Süd-Dalmatiens Oesterr. Bot. Zeitschr. 70: 233-248 S./.D. 1921 [1922] no.9/12

Phytopath.

Adams, J.F. & T.F.Manns
The corn ear worm and kernel rot of corn Phytopath. 12: 25-26 Ja.1922 [Mr.] no.1

Ludwig, C.A.
The control of angular leaf spot of cotton Phytopath. 12: 20-22 Ja.1922 [Mr.] no.1
Literature cited: p.22.
Treatment with sulphuric acid and mercuric chloride

Morstatt, Herman
The Biologische reichanstalt at Berlin-Dahlem and the plant protection service in Germany Phytopath. 12: 23-24 Ja.1922 [Mr.] no.1

Poole, R.F.
Some recent investigations on the control of Sclerotinia libertiana in the greenhouse on the muck farms of Bergen county, New Jersey Phytopath. 12: 16-20 illus. Ja.1922 [Mr.] no.1
Literature cited: p.22.

Shear, C.L.
Frederik George Emil Rostrup 1831-1907 Phytopath. 12: 1-3 port. Ja.1922[Mr.] no.1

Shear, C.L.
A new source of supply of pure cultures of fungi Phytopath. 12: 24-25 Ja.1922 [Mr.] no.1

Abstracts of papers presented at the 13th annual meeting of the American phytopathological society, Toronto, Dec.28-31, 1921 Phytopath. 12: 27-61 Ja.1922 [Mr.]
Preprint 1921

Plant. Chron.

Ashplant,
The diseases of rubber Plant. Chron. 17: 57-60 Ja.28,1922 no.4
Extracts from monthly reports (Nov. & Dec.1921) of rubber mycologist.

Proc. Ann. Meet. Wisc. Cranberry Grow. Assoc.

Fracker, S.B.
False blossom in cranberry inspection records Proc. Ann. Meet. Wisc. State Cranberry Grow.Assoc. 33: 44-46 1920.

Rudolph, B.A.
The principal diseases of cranberries in Wisconsin Proc. Ann. Meet. Wisc. State Cranberry Grow. Assoc. 34: 20-26 1921

Proc. Ann. Meet. Wisc. State Cranberry Grow. Assoc.
Shear, C.L.
The present cranberry disease situation. Proc. Ann. Meet. Wisc. State Cranberry Grow. Assoc. 33: 7-16 1920
Discussion: p.11-16.

Stevens, N.E.
Water raking and keeping quality Proc. Ann. Meet. Wisc. State Cranberry Grow. Assoc. 34: 6-8 1921

Proc. Linn. Soc. N.S.W.
Hiern, W.P.
On a new species and a new variety of Diospyros Proc. Linn. Soc. N.S.W. 46: 211-212 Ag.1921
D. austrocaledonica, D. samöensis var. ovata

Proc. Nat. Acad. Sci.
Sinnott, E.W. & A.F.Blakeslee
Structural changes associated with factor mutations and with chromosome mutations in Datura Proc. Nat. Acad. Sci. 8: 17-19 F.15,1922 no.2

Progr. Agr. & Vitic.
Ravaz, Louis
La pourriture grise Progr. Agr. et Vitic. 77: 173-177 col.pl. F.19,1922 no.8

Rep. Brit. Assoc. Adv.Sci.
Saunders, E.R.
Address to botanical section [on heredity] Rep. Brit. Assoc. Adv. Sci. 88: 169-190 1920

Rep. Hokkaido Agr. Exp. Stat.
Ito, Seiya
Notes on plant diseases and weeds in Hokkaido Rep. Hokkaido Agr. Exp. Stat. 11 59 p. Ag.1921
In Japanese.

Rev. Agr. Com. y Trab. Cuba
Bruner, S.C.
Algunas observaciones sobre la enfermedad del "mosaico" o "rayas amarillas" de la caña de azucar Rev. Agr. Com. y Trab. Cuba 4: 616-620 illus. J.1921 [1922] no.5.

Rev. Agr. Puerto Rico
Matz, Julius
Informe de la división de botánica y patología Diciembre 1921 Rev. Agr. Puerto Rico v.8, no.2, p.63-65 F.1922

Rev. Hist. Nat. Appl.
Maranne, Is.
Les mystères de la fraxinelle Rev. Hist.Nat. Appl. Pt.I, 2: 108-111 Ap.1921.

Wildeman, Emile de
Quelques notes sur les vanilliers africains Rev. Hist. Nat. Appl. Pt.I, 2: 144-147, 184-190, 222-224 1921

Rev. Industr. y Agr. Tucamán
Fawcett, G.L.
La primeras investigaciones sobre el mosaico en Java Rev. Industr. y Agr. Tucumán 11: 121-123 F./Mr.1921 [Rec'd D.1921] no.9/10

Schweiz. Apoth. Zeit.
Rosenthaler, Leopold
Die drogen des Pegolotti. Ein beitrag zur geschichte der pharmakognosie Schweiz. Apoth.-Zeit. 60: 89-96 F.1922 no.7
Francesco Balducci Pegolotti of Florence, 1st half 14th century.

Science
More "glass flowers" at Harvard Science 55: 286 Mr.17,1922 no.1420

Science
Record, S.J.
Notes on woods Science 55: 266-269 Mr.10, 1922 no.1419

Scient. Agr.
Dickson, B.T.
Diseases of the potato Scient. Agr. 2: 234-236 illus. March, 1922 no.7

Scient. Amer.
Crawford, R.P.
World crops for America... Scient. Amer. 126: 226-227 illus. Apr.1922 [Mr.] no.4

Sci. Proc. Roy. Soc. Dublin.
Atkins, W.R.G.
Some factors affecting the hydrogen ion concentration of the soil and its relation to plant distribution Sci. Proc. Roy. Dublin Soc. n.s., 16: 369-413 F.1922 no.30/34

Atkins, W.R.G.
The hydrogen ion concentration of plant cells Sci. Proc. Roy. Dublin Soc. n.s., 16: 414-426 F.1922 no.30/34

Atkins, W.R.G.
Note on the occurrence of the finger and toe disease of turnips in relation to the hydrogen ion concentration of the soil Sci. Proc. Roy. Dublin Soc. n.s. 16: 427-434 F.1922 no.30/34
Bibliography: p.429-434

Dixon, H.H. & Ball, N.G.
Photosynthesis and the electronic theory II Sci. Proc. Roy. Soc. Dublin n.s. 16: 435-441 F.1922 no.30/34
References: p.441

Lafferty, H.A.
The "browning" and "stem-break" disease of cultivated flax (Linum usutatissimum) caused by Polyspora lini n.gen. et sp. Sci. Proc. Roy. Dublin Soc. n.s., 16: 248-274 pl.viii-x Ag.1921 no.21/24 [Rec'd Mr.1922]

Murphy, P.A.
The bionomics of the conidia of Phytophthora infestans (Mont.) De Bary Sci. Proc. Roy. Dublin Soc. n.s., 16: 442-466 F.1922 no.30/34
Literature cited: p.464-466

Tidsskr. Planteavl
Holmgaard, J.
Undersøgelser vedrørende saasaeds sortsaegthed og frihed for brand og stribesyge 1917-20. Tidsskr. Planteavl 27: 553-599 illus. 1921 no.4
English summary (Investigations on the purity of strain and freedom from bunt and stripe disease of seed): 597-599 no.4

Trans. Roy. Soc. So. Austr.
Black, J.M.
Additions to the flora of South Australia no.17-18 Trans. Roy. Soc. So. Austr. 44: 190-197, 374-378 pl.ix-x, xxii-xxiii D.24,1920

Finlayson, H.H.
Essential oils from the fruits of Callitris verrucosa Trans. Roy. Soc. So. Austr. 44: 94-96 D.24,1920

Rogers, R.S.
Contributions to Australian orchidology Trans. Roy. Soc. So. Austr. 44: 322-359 pl.xiii D.24,1920

Trans. Roy. Soc. So. Austr.
Rogers, R.S.
A contribution to the orchidaceous flora of Papua (British New Guinea) Trans. Roy. Soc. So. Austr.
44: 110-119 pl.v-viii D.24,1920

U.S. Dept. Agr. Bull.
King, C.J.
Water-stress behavior of Pima cotton in Arizona
U.S. Dept. Agr. Bull. 1018 24 p. iv pl.
Mr. 15, 1922
Literature cited: p.23-24

Meloy, G.S.
Meade cotton, an upland long-stapel variety replacing
sea island U.S.Dept. Agr. Bull. 1030
24 p. ix pl. Mr.10,1922
Literature cited: p.24.

U.S. Dept. Agr. Farm. Bull.
Thorne, Gerald & Giddings, L.A.
The sugar-beet nematode in the western states
Farmers Bull. U.S. Dept. Agr. 1248 16 p. illus.
F.1922 [Mr.]

Versl. en Meded. Plantenziektenk. Dienst Wageningen
De strepenziekte van de gerste Versl. en
Meded. Plantenz. Dienst Wageningen no.23 18 p.
iv pl. Ag.1921.

Yearbk. Carnegie Inst. Washington.
MacDougal, D.T.
Dept. of botanical research In Yearbk. Carnegie
Inst. Wash. 20: 43-75 F.1922

Exper. Stat. Publ.
Murphy, P.A.
Investigations of potato disease Bull. Exp.
Farms Canada II, 44 86 p. illus. F.1921[1922?]
Literature cited: p.83-86

[illegible]

Knowlton, H.E.
Studies in pollen with special reference to longevity
Mem. Cornell Agr. Exp. Stat. 52: 747-793
Ja.1922
Bibliography: p.789-793

Chapman, G.H. & P.J.Anderson
Tobacco wildfire. Preliminary report of investigations
Mass. Agr. Exp. Stat. Bull. 203: 67-81
pl.i S.1921 [1922]
Literature cited: p.81

Doran, W.L.
Rust of Antirrhinum Mass. Agr. Exp. Stat.Bull.
202: 39-66 illus., pl. Ag.1921 [1922]
Literature cited: p.65-66

Edgerton, C.W. & C.C.Moreland
Tests of the wilt resistance of different tomato
varieties Louisiana Agr. Exp. Stat. Bull.
184 24 p. N.1921 [Rec'd Mr.1922]

Ohio. Agricultural experiment station, Wooster
Plant diseases of Ohio, 1920
[Wooster, 1921]
Mimeographed.

Lawrence, W.E.
The principal stock-poisoning plants of Oregon
Oregon Agr. Exp. Stat. Bull. 187 42 p. illus.
Ja.1922.
References: p.39-42.

New Books
Boldingh, I.
Over veelvormigheid van die klapper (Cecos nucifera
L.) Meded. Afd. Zaadt. Dep. Landb. Nijverh.
en Hand. Nederl. Ind. no.1 1920.

New Books

Cannon, W.A.
Plant habits and habitats in the arid portions of South Australia Carnegie Inst. Wash. Publ. 303 139 p. 32 pl. 1921.

Conzatti, Cassiano
Monografia del arbol de Santa Maria del Tule. Mexico, Talleres graficos de la naction, 1921 65 p. illus., plates 8°.

Loftfield, J.V.G.
The behavior of stomata Carnegie Inst. Wash. Publ. 314 104 p. 18 pl. 1921
Bibliography: p.103-104

Perrot, Emile & Gentil, Louis
Sur les productions végétales du Maroc. Trav. Off. Nation. Mat. Prem. Vég. Notice 10 illus., viii pl. 1921
Maire, René Coup d'oeil sur la végétation du Maroc... p.59-123

Ralfs, E.M.
An abstract of the legislation in force in the British Empire dealing with plant pests and diseases up to the year 1920 London, Imp. Bur. Entomology, 1921 65 p.

Review of applied mycology v.1, no.1-2 Kew, England, 1922
New review journal published by the Imperial bureau of mycology of Great Britain

Strasburg, Eduard
Textbook of botany... 5th English ed. from 14th German ed. by W.H.Land. London, Macmillan, 1921.

Sargent, C.S.
Manual of the trees of North America 2d ed. Boston, Houghton & Miflin, 1922.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 80.
Indexed - March 27 - April 8, 1922.

Acta Hort. Petrop.

Komarov, Vladimir.
... (Les itinéraires botaniques des principales expéditions russes en Asie Centrale. It inéraires de N.M.Prezevalski) Acta Hort. Petrop. 34: 1-192 1920. no.1

Kozo-Polianski, B.M.
... [Umbelliferae-pachystereomeae of Asiatic Russia (B.A.Fedchenko's Flora of Asiatic Russia no.15)] Acta Hort. Petrop. 36: 1-120 9 pl. 1920.

Agr. News

Ashby, S.F.
Three major cane diseases (concl.) Agr.News 21: 78-79 Mr.4,1922 no.518

Amer. For.

Shufeldt, R.W.
Trees and flowers in the United States botanic garden Amer. For. 28: 225-231 illus. Ap.1922 no.340

Ann. Sci. Nat. Bot.

Blaringhem, Louis
Mutantes et hybrides Ann. Sci. Nat. X, Bot. 3: i-xxxi D.1921 no.5/6
Index bibliographique: p.xxix-xxxi

Hickel, Robert & A. Camus
Les chênes d'Indo-Chine Ann. Sci. Nat. X, Bot. 3: 377-409 illus. D.1921 no.5/6

Mesnil, Félix
La "flagellose" ou "leptomonaise" des euphorbes et des asclépiadacées Ann. Sci. Nat. X, Bot. 3: xlii-lvii illus. D.1921 no.5/6
Index bibliographique: p.lvi-lvii

Moreau, Fernand
Recherches sur les lichens de la famille des stictacées Ann. Sci. Nat. X, Bot. 3: 297-374 illus., pl.i-iv D.1921 no.5/6
Index bibliographique: p.373-374

Plantefol, Lucien
Sexualité expérimentale des basidiomycètes Ann. Sci. Nat. X, Bot. 3: xxxii-xli illus. D.1921 no.5/6
Index bibliographique: p.xli

Arch. Rubbercult. Nederl.-Ind.

Bally, W.
Over bastregeneratie bij Hevea Arch. Rubbercult. Nederl. Ind. 6: 79-91 illus. F.1922 no.2
Literature overzicht: p.91.

Ber. Deut. Bot. Ges.

Pfeiffer, Hans.
Der heutige stand unserer kenntnisse von den kegelzellen der cyperaceen Ber. Deut. Bot. Ges. 39: 353-364 Ja.1922 no.10
Zitierte literatur: p.362-364

Schilling, Ernst
Ueber die lokalen anschwellungen der bastfasern Ber. Deut. Bot. Ges. 39: 379-383 illus. Ja.1922 no.10

Wangerin, Walther
Beobachtungen über die entwicklung der vegetation in Dünentälern I-II Ber. Deut. Bot. Ges. 39: 365-370, 371-377 Ja.1922 no.10

Biol. Zentralbl.

Bauch, Robert

Kopulationsbedingungen und sekundäre geschlechtsmerkmale bei Ustilago violacea Biol. Zentralbl. 42: 9-38 Ja.1922 no.1

Literature: p.37-38

Bol. Min. Agr. Nac. Arg.

Girola, C.D.

A gallas de corona del duraznero (Pseudomonas tumefaciens Erw. Smith & Townsend) Bol. Min. Agr. Argentine 26: 257-259 illus. Jl./S.1921 no.3

Girola, C.D.

Sobre algunas enfermedades de la papa Bol. Min. Agr. Argentine 26: 260-264 illus. Jl./S. 1921 no.3

Roseta de la papa (Corticium vagum var. solani): Sarna de la papa (Cospora scabies)

Bull. Pan Amer. Union.

Mell, C.D.

Little known but commercially important trees of the West Indies Bull. Pan Amer. Union 54: 149-157 illus. F.1922 no.2

Verner, S.P.

Certain geographical and botanical parallels between the African and South American tropics Bull. Pan Amer. Union 54: 135-148 illus. F.1922 no.2

Bull. R. Soc. Tosc. Ortic.

Roster, Giorgio

La resistanza al freddo, la identificazione e la nomenclatura delle palme Bull. R. Soc. Tosc. Ortic. 47: 9-12 Jan./Feb.1922 no.1/2

Bull. Soc. Dendrol. France

Dode, L.A.

Notes dendrologiques. Additions à "Extraits d'une monographie inédite du genre Populus" Bull. Soc. Dendrol. France 38: 19-35 illus. F.15,1921

Bull. Soc. Hist. Nat. Afr. Nord.

Maire, René

Contributions à l'étude de la flore de l'Afrique du Nord. Bull. Soc. Hist. Nat. Afr. Nord 13: 37-44 1922 no.2

Draba oreadum, Astragalus ibrahimianus, Inula maletii, Mentha gattefossei n.sp.

Bull. Soc. Path. Exot.

Laveran, A. & G. Franchini

Contribution à l'étude des insectes propagateurs de la flagellose des euphorbes Bull. Soc. Path. Exot. 14: 148-151 1921 no.3

Bull. Torr. Club

Britton, N.L.

Studies of West Indian plants X Bull.Torr. Club 48: 327-343 D.1921 [F.1922] no.12

Undescribed species from Trinidad, Jamaica, Cuba. A new Tournefortia (T. barbadensis)

Durand, E.J.

The genus Catinella Bull. Torr. Club 49: 15-21 Ja.1922 [Mr.] no.1

Graff, P.W.

Philippine basidiomycetes IV Bull. Torr. Club 48: 285-295 N.1921 [Ja.1922] no.11

Munz, P.A. & I.M.Johnston

Miscellaneous notes on plants of Southern California I Bull. Torr. Club 49: 31-44 F.1922 (Apr.) no.2

Pentstemon munzii n.sp.

Bull. Torr. Club.

Pessin, Louis
Epiphyllous plants of certain regions of Jamaica
Bull. Torr. Club 49: 1-14 illus., pl.i Ja.1922
[Mr.] no.1
Literature cited: p.14
Bot. Contr. 69 Johns Hopk. Univ.

Record, S.J.
Boxwoods of commerce Bull. Torr. Club 48:
297-306 illus. N.1921 [Ja.1922] no.11
Contr. Yale School For. no.14.

Rydberg, P.A.
Phytogeographical notes on the Rocky Mountain
region X. Grasslands and other open formations
of the montane zone of the southern Rockies Bull.
Torr. Club 48: 315-326 D.1921 [F.1922] no.12

Compt. Rend. Acad. Sci. Paris

Lesage, Pierre
Sur la détermination de la faculté germinative
autrement que par la germination des graines
Compt. Rend. Acad. Sci. Paris 174: 766-767 Mr.
1922 no.11

Villedieu, G.
Contribution à l'étude des bouillies cupriques
Compt. Rend. Acad. Sci. Paris 174: 707-709
Mr.1922 no.10

Ecology

Bird, Henry
Soil acidity in relation to insects and plants
Ecology 2: 193-197 Jl.1921 [Rec'd D.1921] no.3

Braun, E.L.
Composition and source of the flora of the Cincinnati region Ecology 2: 161-180 Jl.1921
[Rec'd D.1921] no.3
Literature cited: p.178-180

Clements, F.E.
Drouth periods and climatic cycles Ecology
2: 181-188 Jl.1921 [Rec'd D.1921] no.3
Literature cited: p.188

Gail, F.W.
Factors controlling the distribution of Douglas
fir in semi-arid regions of the northwest Ecology 2: 281-291 O.1921 [Ja.1922] no.4
Literature cited: p.291

Kern, F.D.
Observations of the dissemination of the barberry
Ecology 2: 211-214 Jl.1921 [Rec'd D.1921] no.3

Moore, Barrington & Norman Taylor
Plant composition and soil acidity of a Maine
bog Ecology 2: 258-261 O.1921 [Ja.1922]
no.4
Contr. Brooklyn Bot. Gard. 26.

Flora

Goebel, Karl
Erdwurzeln mit velamen. Nach einer zusammen mit
Herrn Dr. K. Suessenguth ausgeführten untersuchung.
Flora 115: 1-26 illus. 1922 no.1

Hallermeir, Marken
Is das hangen der blüten eine schutzeinrichtung?
Flora 115: 75-101 1922 no.1
Literaturangaben: p.100-101

Mori, E.M.
Biologische studien über die utriculariablase
Flora 115: 59-74 illus. 1922 no.1

Flow. Grow.
Brown, C.W.
Gladiolus nomenclature (cont.) Flow. Grow.
9: 94-95 Ap.1922 no.4

Gard. Mag.
Manchester, H.H.
A pictorial history of the garden III. In ancient Asia Minor Gard. Mag. 35: 113-115
illus. Ap.1922 no.2

Gard. Chron.
Brown, N.E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 71: 105
illus. Mr.4,1922 no.1836

Cuthbertson, William
The problem of immunity to wart disease in potatoes Gard. Chron.III, 71: 104 Mr.4,1922
no.1836

Rayner, M.C.
Notes on mycorrhiza plants Gard.Chron.
III, 71: 102 Mr.4,1922 no.1836

Thatcher, A.E.
Chinese shrubs at Aldenham Gard.Chron.III,
71: 114-115 illus. Mr.11,1922 no.1837

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.10
An Alpine lake Gard.Chron.III, 71: 115-116
Mr.11,1922 no.1837

Hardwood Rec.
Hubert, E.E.
Some wood stains and their causes Hardwood
Rec. v.52, no.11, p.17-19 illus. Mr.25,1922

Hedwigia
Van Oye, Paul.
Beitrag zur myxophyceen-flora von Java Hedwigia 63: 174-197 Ja.20,1922 no.3/4

Indian For.
Cowan, J.M. & A.M.Cowan
The species of the genus "Dipterocarpus" found in Chittagong district Indian For. 48: 68-73
pl.5-6 F.1922 no.2

Journ. Ecol.
Adamson, R.S.
The woodlands of Ditcham Park, Hampshire Journ.
Ecol. 9: 114-219 pl.v-x F.1922 no.2
Literature cited: p.219
Studies of the vegetation of the English chalk I

Melin, Elias
On the mycorrhizas of Pinus silvestris L. and
Picea abies Karst. A preliminary note Journ.
Ecol. 9: 254-257 F.1922 no.2

Pearsall, W.H.
A suggestion as to factors influencing the distribution of free-floating vegetation Journ.
Ecol. 9: 241-253 F.1922 no.2
References: p.252-253

Salisbury, E.J.
Stratification and hydrogen-ion concentration of the soil in relation to leaching and plant succession with special reference to woodlands Journ.
Ecol. 9: 220-240 F.1922 no.2

Journ. Gen. Physiol.
Loeb, Jacques
Quantitative laws in regeneration III. The quantitative basis of polarity in regeration Journ.
Gen. Phys. 4: 447-461 illus. Mr.1922 no.4

Journ. Hered.

Collins, G.N.

Teosinte in Mexico. The closest wild relative of maize is teosinte... A perennial form discovered in southern Mexico should prove of value to the breeder Journ. Hered. 12: 339-350 illus. O.1921 [Mr.1922] no.8

Shull, G.H.

Three new mutations in Oenothera lamarckiana. Journ. Hered. 12: 354-363 illus. O.1921 [Mr.1922] no.8

Journ. Min. Agr. Gt. Brit.

Cotton, A.D.

Potato pink rot: a disease new to England Journ. Min. Agr. Gt. Brit. 28: 1126-30 Mr.1922 no.12

Phytophthora erythroseptica

Strang, R.B.

Diseases of the Swede crop in Cumberland and Westmorland in 1921 Journ. Min. Agr. Gt. Brit. 28: 1093-96 Mr.1922 no.12

Journ. N.Y. Bot. Gard.

Hollick, Arthur

Paulownia in winter Journ. N.Y. Bot. Gard. 23: 1-3 pl.267-268 Ja.1922 [Mr.] no.265

Matières Grass.

Pieraerts, J.

Le beurre de dika au Congo Belge Mat. Grass. 14: 6020-21 Ja.15,1922 no.165

Missouri Bot. Gard. Bull.

How long can a seed live Missouri Bot. Gard. Bull. 10: 43-48 Mr.1922 no.3

Magnolias for onrmanetal planting Missouri Bot. Gard. Bull. 10: 38-42 Mr.1922 no.3

Plant immigrants of our local flora Missouri Bot. Gard. Bull. 10: 48-52 Mr.1922 no.3

Nature

Dixon, H.H. & N.G.Ball

Transport of organic substances in plants Nature 109: 236-237 F.23,1922 no.2370

Mason, F.A.

Revival of sporophores of Schizophyllum commune Nature 109: 272-273 illus. Mr.2,1922 no.2371

Thorpe, T.E.

Prof. Giacomo Ciamician Nature 109: 245-246 F.23,1922 no.2730

Naturw. Wochenschr.

Gams, Helmut

Die kulturpflanzen und unkräuter der Wikinger. Naturw. Wochenschr. n.f., 21: 81-85 F.5,1922 no.6

Notulae Sys. Herb. Hort. Bot. Petrop.

Basilevskaia, N.

... [Survey of the Frankeniaceae of the Asiatic flora] Notulae Sys. Herb. Hort. Bot. Petrop. 2: 33-40 1921 no.12.

Busch, N.A.

De genere cruciferarum novo Borodinia N.Busch. Notulae Sys. Herb. Hort. Bot. Petrop. 2: 137-140 illus., pl. 1921 no.35

Czerniakowksa, E.

Astragalus rubro-marginatus spec.nov. Notulae Sys. Herb. Hort. Bot. Petrop. 2: 69-72 1921 no.18

Notulae Sys. Herb. Hort. Bot. Petrop.

Fedchenko, B.A.
... (Astragali novi et rariores Transcaspici) Notulae Sys. Herb. Hort. Bot. Petrop. 2: 49-52 1921 no.13.
A. ekatherinae, A. michelsoni, A. gaudensis, A. jolderensis n.sp.

Fedchenko, B.A.
Colchicum armenum B. Fedtsch. Notulae Syst. Herb. Hort. Bot. Petrop. v1, no.4 2 p. 1920 no.4

Fedchenko, O.A.
... [New contributions to the knowledge of the genus Eremurus] Notulae Sys. Herb. Hort. Bot. Petrop. 2: 9-12, 48 1921 no.3
E. baissunensis n.sp.

Il'in, M.M.
Thymus guberlinensis Iljin spln. Notulae Sys. Herb. Hort. Bot. Petrop. v.1, no.5 3 p. 1920

Il'inski, Al
Generis cynanchi species nonnullae mongolico-chinensis Notulae Sys. Herb. Hort. Bot. Petrop. 2: 17-20 1921 no.5
C. hancockianum, C. komarovii n.sp.

Juzepchuk, S.
... (De Cousinia dissecta Auctt. conspecie) Notulae Sys. Herb. Hort. Bot. Petrop. 2: 53-60 1921 no.14/15.
C. subinermiceps, C. dolichoclada n.sp.

Juzepchuk, S.
Linum olgae sp.nov. Notulae Sys. Herb. Hort. Bot. Petrop. 2: 21-24 1921 no.6

Komarov, Vladimir
... (Plantae novae Chinenses) Notulae Sys. Herb. Hort. Bot. Petrop. 2: 5-8 1921 no.33/34
Paeonia beresowskii, Paeonia potanini, Aster lipskii n.sp.

Komarov, V.L.
... (Plantae novae Sibiricae) Notulae Sys. Herb. Hort. Bot. Petrop. 2: 129-136 1921 no.33/34

Kosinsky, K.K.
Dryopteris komarovii C. Kossinsky Notulae Sys. Herb. Hort. Petrop. 2: 1-4 1921 no.1

Kosinsky, K.K.
... (Revisio specierum generis Andrachne florae rossicae) Notulae Sys. Herb. Hort. Bot. Petrop. 2: 77-92 1921 no.20/23
A. pygmaei, A. fedtschenkoi, A. stenophylla

Kozo-Poljansky, B.
... (Species novae) III-IV Notulae Sys. Herb. Hort. Bot. Petrop. 2: 61-68, 141-144 1921 no.16/17, 36.
Earlier nos. in Izvest. Bot. Sad 1916 & 1917.
III. New species of Ferula; Dorema hyrcanum. - IV. Daphne julia.

Krasheninnikov, I.
... [Representatives of Artemisia in the Russian flora] Notulae Sys. Herb. Hort. Bot. Petrop. 2: 101-110 1921 no.26/28
Earlier nos. in Izvest. Bot. Sad 1914.
IV. Artemisia ledebouriana

Litvinov, Dimitri
... (Species Calamagrostis novae) Notulae Sys. Herb. Hort. Bot. Petrop. 2: 113-126 1921 no.29/32

Notulae Sys. Herb. Hort. Bot. Petrop.

Preobrazhensky, G.A.
Acanthophyllum transhyrcanum G. Preobr.
Notulae Sys. Herb. Hort. Bot. Petrop v.1, no.3
3 p. 1920.

Preobrazhansky, G.
... (Generis Silene L. species novae Turkestanicae) Notulae Sys. Herb. Hort. Bot. Petrop.
2: 28-31 1921 no.8
S. ferganica, S. fedtschenkoana n.sp.

Roshevitz, R.
Molicae novae Tibeticae Notulae Sys.Herb.
Hort. Bot. Petrop. 2: 25-28 1921 no.7
M. przewalskyi, M. tibetica

Roshevitz, R.
Stipae novae Asiae centralis Notulae Sys.
Herb. Hort. Bot. Petrop. v1, no.6 4 p. 1920
S. roborowskyi, S. przewalskyi

Schipczinsky, N.
... [New species of the Asiatic flora] Notulae
Sys. Herb. Hort. Bot. Petrop. v1, no.7, p.1-3
1920
Oxytropis krylovi, Paeonia bifurcata

Schipczinsky, N.W.
Species novae Turkestanicae Notulae Sys.
Herb. Hort. Bot. Petrop. 2: 93-99 1921 no.24/25
Onosoma azuereum, Thymus roseus, Arnebia coerulea.

Tolmachev, A.
... Monimiaceae Riedelianeae Notulae Sys.
Herb. Hort. Bot. Petrop. 2: 145-156 1921 no.37/39

Turkecicz, S.J.
... [New species of Primula from Turkestan]
Notulae Sys. Herb. Hort. Bot. Petrop. 2: 13-16
1921 no.4
Primula lactiflora, P. flexuosa n.sp.

Utkin, L.
Valeriana colchica sp.n. & Valeriana sambucifolia Mikan Notulae Sys. Herb. Hort. Bot. Petrop.
2: 157-164 1921 no.40/41

Ohio Journ. Sci.

Schaffner, J.H.
A dditions to the catalog of Ohio vascular plants
for 1921 Ohio Journ. Sci. 22: 91-94 Ja.1922
[Rec'd Mr.] no.3
Paper Dept. Bot. Ohio State Univ. no.132

Schaffner, J.H.
Progression of sexual evolution in the plant
kingdom Ohio Journ. Sci. 22: 101-113
F.1922 no.4
Paper Dept. Bot. Ohio State Univ. no.133

Parfum. Mod.

Trabut, Louis
La culture industrielle du Camphrier
Parfum. Mod. 15: 17-20, 29-33 illus. Ja.,
F.1922
Bibliographique: p.32-33

Phytopath.

Camp, A.F.
Convenient chambers for inoculation of plants
where high humidity and moderate temperatures are
required Phytopath. 11: 510-512 D.1921
[Mr.1922] no.12

Evans, N.S.
"Black point" of wheat Phytopath. 11:
515 D.1921 [Mr.1922] no.12

Phytopath.

Ezekiel, W. N.
Some factors affecting the production of apothecia of Sclerotinia cinerea Phytopath. 11: 495-499 D.1921 [Mr.1922] no.12
Literature cited: p.499

Hopkins, E.F.
Note on the hydrogen-ion concentration of potato dextrose agar and a titration curve of this medium with lactic acid Phytopath. 11: 491-494 D.1921 [Mr.1922] no.12
Literature cited: p.494

Fromme, F.D.
Incidence of loose-smut in wheat varieties Phytopath. 11: 507-510 D.1921[Mr.1922] no.12

Haskell, R.J.
Phytophthora infestans on eggplant in the United States Phytopath. 11: 504-505 D.1921 [Mr.1922] no.12
Literature cited: p.505

Jones, F.R. & R.E.Vaughan
Anthracnose of the garden pea Phytopath. 11: 500-503 illus., pl.xxv D.1921 [Mr.1922] no.12

Korstian, C.F. & N.J.Fetherolf
Control of stem girdle of spruce transplants caused by excessive heat Phytopath. 11: 485-490 illus. D.1921 [Mr.1922] no.12

McKinney, H.H. & A.G.Johnson
Wojnowicia graminis (McAlp.) Sacc. and D.Sacc. on wheat in the United States Phytopath. 11: 505-506 D.1921 [Mr.1921] no.12

Parker, C.S.
Head smut of corn in Washington Phytopath. 11: 515 D.1921 [Mr.1922] no.12

Rumbold, Caroline & E.K.Tisdale
Phoma insidiosa on sorghum Phytopath. 11: 513-514 D.1921 [Mr.1922] no.12

Zundel, G.L.
The effects of treatment for bunt on the germination of wheat Phytopath. 11: 469-484 D.1921 [Mr.1922] no.12
Literature cited: p.482-484

Proc. Roy. Soc. Ser.B.

Bose, J.C.
The dia-heliotropic attitude of leaves as determined by transmitted nervous excitation Proc. Roy.Soc.Ser.B, 93: 153-178 illus. Mr.1922 no.651
Literature: p.178

Cuffrey, Geoffrey
The colouring matter of red roses Proc.Roy. Soc. Ser. B, 93: 194-197 Mr.1922 no.651

Proc. Soc. Exp. Biol. & Med.

MacDougal, D.T.
The distentive agencies in the growth of the cell Proc. Soc. Exp. Biol. & Med. 19: 103-110 1921 no.3 [Rec'd Mr.1922]

Quart. Bull. Florida St. Pl. Bd.

O'Byrne, F.M.
Bordeaux-oil emulsion Quart. Bull. State Plant Bd. Florida 6: 46-58 Ja.1922 [Rec'd Apr.] no.2

Quart. Journ. Ind. Tea Assoc.

Tunstall, A.C. & Bose, S.C.
The fungus diseases of the tea leaf Quart. Journ. Indian Tea Assoc. 1921 p.168-171 col.pl. 1921 no.3
Copper blight (Laestadia camelliae)

Queensl. Agr. Journ.

Bick, E.W.
Flowering trees of Brisbane botanic gardens Poinciana regia Queensl. Agr. Journ. 17: 68-69 illus. F.1922 no.2

White, C.T.
Illustrated notes on the weeds of Queensland no.26 Wild salvia (Salvia coccinea) Queensl. Agr. Journ. 17: 70 illus. (on p.71) F.1922 no.2

White, C.T.
Queensland trees no.8 Opossum wood (Quintinia sieberi) Queensl. Agr. Journ. 17: 72 illus. (p.73-74) F.1922 no.2

Rep. Intern. Potato Conf. Lond. 1921.

Blackman, V.H.
The nature of immunity from wart disease Rep. Intern. Potato Conf. 1921 p.92 [1922]

Cotton, A.D.
The situation with regard to leaf-curl and mosaic in Britain Rep. Intern. Potato Conf. 1921 p.153-168 [1922]

Murphy, P.A.
Some redent work on leaf-roll and mosaic Rep. Intern. Potato Conf. 1921 p.145-152 pl. [1922]

Orton, W.A.
New work on potato diseases in America Rep. Intern. Potato Conf. 1921 p.169-179 [1922]

Pethybridge, G.H.
Some recent work on the potato blight Rep. Intern. Potato Conf. 1921 p.112-126 illus. [1922]
List of books quoted: p.123-125

Quanjer, H.M.
New work on leaf-curl and allied diseases in Holland Rep. Intern. Potato Conf. 1921 p.117-145 illus., pl. [1922]
Literature: p.144-145.

Salaman, Redcliffe
Regeneration of potatoes Rep. Intern. Potato Conf. 1921 p.79-91 [1922]
Bibliography: p.90-91

Salaman, R.N. & J.W. Lesley
Some information of the heredity of immunity from wart disease Rep. Intern. Potato Conf. 1921 p.105-111 [1922]

Stuart, William
Potato breeding, selection and seed development work in the United States Rep. Intern. Potato Conf. 1921 p.15-26 pl. [1922]
[Literature]: p.26

Rev. Agr. Mexico.

Téllez, Oliverio
Una plaga en el estado de Jalisco, la "pinta" o "clavo" de la naranja y de la guyaba Rev. Agr. Mexico 6: 651-652 illus. Mr.1922 no.11
Gloeosporium psidii

Rev. Bot. Appl.

Patouillard, Narcisse
La Botryodiplodia theobromae sur la cotonnier Rev. Bot. Appl. 2: 41-42 F.1922 no.6

Rev. Hort.

Mottet, Seraphin
Eucryphia pinnatifolia Rev. Hort. 94: 32-34 illus. F.16,1922 no.2

Robertson-Proschowsky, A.
Butia (Cocos) capitata Beccari var. deliciosa Rev. Hort. 94: 39 F.2,1922 no.2

Rev. Sci.

Emberger, Louis
Évolution des plastides dans le règne végétal Rev. Sci. 60: 46-51 illus. Ja.28,1922 no.2

Rev. Vitic.

Gard, Médéric
L'apoplexie de la vigne et les formes résupinées du Fomes igniarius (L.) Fries Rev. Vitic. 56: 201-204 Mr.16,1922 no.1446

Villedieu, G.
Explication du mécanisme anticryptogamique des bouillies cupriques Rev. Vitic. 56: 205-207 Mr.16,1922 no.1446

Sci. & Industr. Bull. Roure-Bertr. Fila, Grasse

Camus, Aimée
Botanical study of Lavandula stoechas L. and L. dentata L. Sci. & Industr. Bull. Rouré-Betr. Fils Grasse s.4, 4: 5-27 pl.iii-iv 1921

Science

Dice, L.R.
Biotic areas and ecologic habitats as units for the statement of animal and plant distribution Science 55: 335-338 Mr.31,1922 no.1422

Jones, D.F.
Selective fertilization as an indicator of germinal differences Science 55: 348-349 Mr.31,1922 no.1422

Siegler, E.A. & A.E.Jenkins
A new Sclerotinia on mulberry Science 55: 353-354 Mr.31,1922 no.1422
S. carunculoides n.sp.

Sci. Proc. Roy. Soc. Dublin

Murphy, P.A.
The sources of infection of potato tubers with the blight fungus, Phytophthora infestans Sci. Proc. Roy. Dublin Soc. n.s., 16: 353-368 Ag.1921 [Rec'd Mr.1922] no.25/29

Staz. Sper. Agr. Ital.

Manaresi, Angelo
L'oidio della quercia sul castagno Staz. Sper. Agr. Ital. 54: 289-292 1921 [Rec'd Mr.1922]

Mendiola, N.B.
Effect on banana fruit of premature appearance of the inflorescence Philipp. Agr. 10: 299-300 pl. Ja.1922 no.6

Morettini, Alessandro
Sulla efficacia dei trattamenti polverulenti contro la "carie" del frumento Staz. Sper. Agr. Ital. 54: 293-315 1921 [Rec'd Mr.1922] no.7/10

Trans. Bot. Soc. Edinb.

Smith, W.W. & W.E.Evans
Craigia, a new genus of Sterculiaceae Trans. Bot. Soc. Edinb. 28: 69-71 pl. 1921
C. yunnanensis

Trans. Brit. Mycol. Soc.

Brooks, F.T. & G.O.Searle
An investigation of some tomato diseases Trans. Brit. Mycol. Soc. 7: 173-197 1922 no.3
Bibliography: p.197

Trans. Brit. Mycol. Soc.

Butler, E.J.
The Imperial bureau of mycology Trans. Brit. Mycol. Soc. 7: 168-172 D.13,1921 no.3

Collett, R.L.
Longevity of spores of a fungus in a Museum specimen Trans. Brit. Mycol. Soc. 7: 217-218 D.13,1921 no.3

Mounce, Irene
Homothallism and the production of fruit-bodies by monosporous mycelia in the genus Coprinus Trans. Brit. Mycol. Soc. 7: 198-217 pl.vi-vii D.13,1921 no.3

Petch, T.E.
Studies in entomogenous fungi. The Nectriae parasitic on scale insects Trans. Brit. Mycol. Soc. 7: 133-167 pl.iii-v (iii-iv col.) D.13,1921
Bibliography: p.166-167 no.3

U.S. Dept. Agr. Bull.

Pritchard, F.J.
Development of wilt-resistant tomatoes U.S. Dept. Agr. Bull. 1015 18 p. x pl. Mr.1922

Rand, F.V.
Pecan rosette... U.S.Dept. Agr. Bull. 1038 42 p. xii pl. Mr.1922
Literature cited: p.37-42.

Walker, J.C.
Seed treatment and rainfall in relation to the control of cabbage black-leg U.S.Dept. Agr. Bull. 1029 27 p. ii pl. Mr.1922
Literature cited: p.27

Zeitschr. Bot.

Montfort, Camill
Die wasserbilanz in nährlösung, salzlösung und hochmoorwasser. Beiträge zu einer vergleichenden ökologie der moor- und salzpflanzen Zeitschr. Bot. 14: 97-172 1922 no.2
Angeführte literatur: p.169-172

Exper. Stat. Publ.

Brown, J.G.
Treatment of seed potatoes for scab and black scurf Arizona Agr. Exp. Stat. Timely Hints Farm. 136 4 p. illus. Ja.1922

Wiggans, R.G.
A classification of the cultivated varieties of barley Mem. Cornell Agr. Exp. Stat. 46: 365-456 illus., col.pl.xxxiv-xxxviii S.1921 [Rec'd Apr.1922]
Bibliography: p.449-451

Melhus, I.E. & T.J.Maney
A study of the control of crown gall on apple grafts in the nursery Iowa Agr. Exp. Stat. Res. Bull. 69: 159-172 Jy.1921 [Rec'd Mr.1922]
Bibliography: p.172

McKay, M.B.
Potato diseases in Oregon and their control Oregon Agr. Exp. Stat. Circ. 24 53 p. illus. F.1922

Hume, A.N.
Acme wheat So. Dakota Agr. Exp. Stat. Bull. 194: 327-355 illus. O.1921
Resistant to rust and drought

New Books

Bailey, L.H.
Principles of vegetable gardening 18th ed remade and re-set N.Y.Macmillan, 1921.

New Books

Gt. Brit. Ministry of agriculture and fisheries
Collected leaflets on cultivation and diseases of potatoes London, 1921 (Sectional vol.3)

Holm, Theodor.
Contributions to the morphology, synonmy and geographical distribution of Arctic plants
Rep. Canad. Arctic Exp. 1913-18 v.5, Bot. pt.B
139 p. illus. F.19,1922
Bibliography: p.136-139

Lavialle, P.
Les plantes médicinales... Mulhouse, 1921.

MacBride, T.H.
North American slime-moulds New & Rev. ed.
N.Y., Macmillan, 1922

Molisch, Hans
Mikrochemie der pflanze 2. neuarb. aufl.
Jena, G. Fischer, 1921

Stout, Mrs. C.H.
The amateurs book of the dahlia Garden City, Doubleday and Page, 1822

Suderna, A.W. & Mickel, C.E.
Report of experimental work and field observations... season 1921 Arkansas Valley, Colo.
American beet-sugar Co., 1921
118 numb. leaves. photos.
Mimeographed.

Leaf spot: p.66-73; minor beet diseases: l. 74-75.

Tschirch, Alexander.
Die biochemische arbeit der zelle der höheren pflanzen und ihr rhythmus Bern, P. Haupt, 1921.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 81.
Indexed - April 10-22, 1922.

Agr. Gaz. N.S.W.

Breakwell, E.
Popular descriptions of grasses Agr. Gaz.N.S.W. 33: 191-197 illus. Mr.1922 no.3
The Mitchell, kangaroo, native oat and Flinders grasses

Amer. Fern Journ.

Deam, C.C.
Is Botrychium dissectum a sterile mutant? Amer. Fern Journ. 11: 114 O./D.1921 [Apr.1922] no.4
Contribution to the subject by L.S.Hopkins: p. 114-116

Maxon, W.R.
Notes on American ferns XVIII Amer. Fern Journ. 11: 105-107 O./D.1921 [Apr.1922] no.4

Moxley, G.L.
Some ferns seen in California Amer. Fern Journ. 11: 116-117 O./D.1921 [Apr.1922] no.4

Mumbauer, J.R.
Ophioglossum vulgatum in Bucks and Montgomery counties, Pa. Amer. Fern Journ. 11: 117-120 O./D.1921 [Apr.1922] no.4

Osterlund, P.
Another rich fern locality Amer. Fern Journ. 11: 120-121 O./D.1921 [Apr.1922] no.4
North Adams, Mass.

Weatherby, C.A.
The climbing fern in the vicinity of Hartford Amer. Fern Journ. 11: 109-113 pl.2 O./D.1921 [Apr.1922] no.4
Lygodium palmatum

Weatherby, C.A.
A correction Amer. Fern Journ. 11: 122 O./D.1921 [Apr.1922] no.4
Polypodium vulgare f. brachypteron Ridlon

Amer. Journ. Pharm.

Wherry, E.T.
Soil-reaction in relation to plant growth Amer. Journ. Pharm. 94: 110-114 F.1922

Amer. Journ. Sci.

Holm, Theo.
Studies in the Cyperaceae XXXIV Carices aeorastachyae: glaucescentes nob. and limosae nob. Amer. Journ. Sci. V, 3: 260-268 illus. Ap.1922 no.16

Amer. Seedsm.

Myers, C.E.
The development of new varieties of tomatoes Amer. Seedsm. 4: 13-15, 52, 54 illus. Mr.1922 no.1

Ann. Appl. Biol.

Lees, A.H.
Leaf character in reverted black currants Ann. Appl. Biol. 9: 49-68 illus. Ap.1922 no.1

Arch. Escola Sup. Agr. & Med. Vet. Mexico

Rangel, Eugehio
Nota sobre dois fungos Arch. Escola Sup. Agr. & Med. Vet. 5: 35-40 pl.iii-v S.1921 no.1/2
Oswaldia n.g. icarahyensis (on leaves of Tecoma longiflora & T. araliacea); Peziotrichum saccardinum n.sp. (on Prisu communis)

Ber.Deut.Pharm.Ges. 31: 446-453 D.1921 no.9

Bot. Gaz.

Buchholz, J.T.
Developmental selection in vascular plants
Bot. Gaz. 73: 249-286 illus. Ap.1922 no.4
Literature cited: p.285-286

Round, E.M.
Annularia with Paleostachya fruit Bot.Gaz.
73: 326-328 illus. Ap.1922 no.4

Sears, P.B.
Variations in cytology and gross morphology of
Taraxacum I Bot. Gaz. 73: 208-325 pl.ix-x
Ap.1922 no.4
Contr. Hull.Bot. Labor. 293
I. Cytology of Taraxacum laevigatum
Literature cited: p.323-4

Willaman, J.J. & Sandstrom,W.M.
Biochemistry of plant diseases III. Effect of
Sclerotinia cinerea on plums Bot. Gaz. 73:
287-307 illus. Ap.1922 no.4
Paper no.236 Journ. Ser. Minn. Agr. Exp. Stat.
Literature cited: p.305-307

Bot. Mag. Tokyo

Komuro, Hideo
On the effect of Röntgen rays upon the growth of
Oryza sativa Bot. Mag. Tokyo 36: 15-17
Ja.1922 no.421

Miyoshi, Manabu
Untersuchungen über japanische kirschen II
Bot. Mag. Tokyo 36: 1-14 Ja.1922 no.421

Nakai, Takenoshin
Notulae ad plantas Japoniae et Koreae XXVI
Bot. Mag. Tokyo 36: 19-26 F.1922 no.422
Eria yakushimensis, Polygala hondoensis, Trachelospermum foetidum, Callicarpa okinawensis n.sp.

Yasuda, A.
Notes on fungi Bot. Mag. Tokyo 36 (21)-(22),
(41)-(42) Ja., F.1922 no.421-2
Trametes sendaiensis, Stereum roseum n.sp.
In Japanese

Bull. Jard. Bot. Buitenzorg

Alderwerelt van Rosebburgh, C.R.W.K. van
New or noteworthy Malayan Araceae 2 Bull.Jard.
Bot. Buitenz. III, 4: 163-229 illus. pl.2-3
F.1922 no.1

Overeem, Caspar van & D. van Overeem (de Haas)
Verzeichnis der in Niederländische Ost-Indien bis
dem jahre 1920 gefundenen Myxomycetes, fungi und
lichenes Bull. Jard. Bot. Buitenz. III, 4:
1-146 F.1922 no.1
Literaturliste: p.129-146

Rant, Anton
Einige beobachtungen bei Clitoria ternatea L.
Bull. Jard. Bot. Buitenz. III, 4: 241-246 pl.11-
12 F.1922 no.1

Smith, J.J.
Plantae novae vel criticae ex herbario et horto
bogoriensi II Bull. Jard. Bot. Buitenz. III,
4: 230-240 pl.4-10 F.1922 no.1

Bull. Torr. Club

Farr, C.H.
Quadripartition by furrowing in Sisyrinchium
Bull. Torr. Club 49: 51-61 pl.2 Mr.1922[Ap.]
no.3
Literature cited: p.59-61

Bull. Torr. Club

Round, E.M.
A modern fossil plant Bull. Torr. Club 49: 63-64 illus. Mr.1922 [Apr.] no.3
Black birch leaves "fossilized" on a shelf fungus

Chacaras e Quintaes

Peckolt, Gustavo
Jacutupé Chacaras e Quint. 25: 187-189 illus. Mr.1922 no.3
Pachyrrhizus angulatus

Romero, L.O.
Conselhos praticos para prevenier ou atenar a gommose Chacaras e Quint. 25: 201-204 Mr.1922 no.3
Transl. by V. Bello

Compt. Rend. Acad. Agr. France

Schribaux, Emile
Sur la dégénérescence des pommes de terre Compt. Rend. Acad. Agr. France 8: 397-398 1922

Compt. Rend. Acad. Sci. Paris

Blaringhem, Louis
Hérédite anormale de la couleur des embryons d'une variété de pois (Pisum sativum L.) Compt. Rend. Acad. Sci. Paris 174: 877-879 1922 no.13

Jumelle, Henri
Un grand palmier di centre de Madagascar Compt.Rend.Acad.Sci.Paris 174: 957-960 Ap.1922 no.14
Restablishes Chrysalidocarpus decipiens as quite distinct from Neodypsis basilongus and does away with Beccari's genus Macrophloga founded on the supposition that the two were identical.

Molliard, Marin
Sur une nouvelle fermentation acide produite par le Sterigmatocystis nigra Compt. Rend. Acad. Sci. Paris 174: 881-883 1922 no.13

Ricome, Hilaire
Sur l'élongation des racines Compt.Rend. Acad. Sci. Paris 174: 880-881 1922 no.13

Sauvageau, Camille & G. Denigès
A propos des efflorescences du Rhodymenia palmata; présence d'un xylane chez les algues floridées Compt. Rend. Acad. Sci. Paris 174: 791-794 Mr. 1922 no.12

Cultura

Paerels, J.J.
Eenige looi- en ver'stoffen uit Ned. Indië Cultura 33: 270-277 O.1921 no.397

Deut. Landw. Presse

Hansen, W.
Die selbstreinigung der erbse von der blattfleckenkrankheit Deutsche Landw. Presse 49: 109 F.22,1922 no.15

Müller, H.
Das gelbwerden der wintergerste Deutsche Landw. Presse 49: 115-116 F.25,1922 no.16

Gard. Chron.

Bisby, G.R.
Curl in potatoes Gard. Chron. III, 71: 128-129 Mr.18,1922 no.1838

Brotherston, R.P.
The orchard and fruit garden Gard.Chron. III, 71: 138 Mr.25,1922 no.1839

Dykes, W.R.
Crocus species Gard. Chron.III, 71: 126 Mr.18,1922 no.1838

Gard. Chron.

Farrer, Reginald
Mr. Reginald Farrer's second exploration in Asia no.39 The tops of the Moku-ji Gard.Chron. III, 71: 126-127 Mr.18,1922 no.1838

Hall, Sir Daniel
The florists' tulip Gard. Chron. III, 71: 128, 140, 155, 169 illus. Mr.-Ap.1922 no.1838-41

Horwood, A.R.
Dietetic and medicinal value of nettles Gard. Chron. III, 71: 170 Ap.8,1922 no.1841

Hutchinson, John
Rhododendron praeteritum, Hutchinson, new species Gard. Chron. III, 71: 149 illus. Ap.1,1922 no.1840

Prof. W.B.Bottomley Gard. Chron. III, 71: 160 Ap.1,1922 no.1840
note of death

Rayner, M.C.
Notes on mycorrhiza plants Gard. Chron.III, 71: 152-153 Apr.1,1922 no.1840

Robertson-Prochowsky, A.
Palms of the Riviera (cont.) Gard.Chron.III, 71: 153 illus. Ap.1,1922 no.1840
Arecastrum romanzoffianum

Thatcher, AE.
Chinese shrubs at Aldenham Gard.Chron.III, 71: 123,137 Mr.18,25,1922 no.1838

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.11 Some Chinese primulas - a digression Gard. Chron.III, 71: 138-139 Mr.25,1922 no.1839
___ ___ No.12. More primulas Gard.Chron.III, 71: 166 Ap.8,1922 no.1841

Gartenw.

Sommer, Heinrich
Kohlhernie-bekämpfung mit uspulun im jahre 1921 Gartenw. 26: 70-71 F.17,1922 no.7

Hoppe-Seyl. Zeitschr. Phys. Chem.

Winterstein, Ernst & D. Iatrides
Ueber das aus Taxas baccata, eibe darstellbare alkaloid, taxin Hoppe Seyl. Zeitschr. Phys. Chem. 117: 240-283 D.1921 no.3/6
Literatur: p.283

Journ. Agr. Res.

Brooks, Charles & Cooley, J.S.
Temperature relations of stone fruit fungi Journ. Agr. Res. 22: 451-465 N.26,1921 [Apr.1922] no.9

Harter, L.L. & Weimer, J.L.
Susceptibility of the different varieties of sweet potatoes to decay by Rhizopus nigricans and Rhizopus tritici Journ. Agr. Res. 22: 511-515 N.26,1921 [Ap.1922] no.9

Brooks, Charles & Fisher,D.F.
Transportation rots of stone fruits as influenced by orchard spraying Journ. Agr. Res. 22: 467-477 N.26,1921 [Ap.1922] no.9

Journ. Amer. Veter. Assoc.

Marsh, C.D.
Poisonous plants of the western ranges Journ. Amer. Veter. Med. Assoc. 61: 48-54 Ap.1922 no.1

Journ. Dept. Agr. Porto Rico

Earle, F.S.
Sugar cane varieties of Porto Rico II Journ. Dept. Agr. Porto Rico v.5, no.3 141 p. 1921 [Rec'd 1922]
Bibliography of papers dealing with cane varieties in Porto Rico: p.139-141

Journ. Elisha Mitchell Soc.

Ashe, W.W.
The eastern shrubby species of Robinia Journ. Elisha Mitch. Sci. Soc. 37: 175-177 Mr.1922 [Apr.] no.3/4
R. margaretta, R. grandiflora n.sp.

Ashe, W.W.
Forest types of the Appalachians and White mountains Journ. Elisha Mitch. Sci. Soc. 37: 183-198 Mr.1922 [Apr.] no.3/4

Coker, W.C. & F.A.Grant
A new genus of water mold related to Blastocladia Journ. Elisha Mitch. Sci. Soc. 37: 180-184 pl.32 Mr.1922[Apr.] no.3/4
Septocladia dichotoma

Harper, R.M.
A botanical bonanza in Tuscaloosa county, Alabama Journ. Elisha Mitch. Sci. Soc. 37: 153-160 pl.28 Mr.1922 [Rec'd Ap.r] no.3/4

Higgins, B.B.
Notes on the morphology and systematic relationship of Sclerotium rolfsii Sacc. Journ.Elisha Mitch. Sci. Soc. 37: 167-172 pl.29 Mr.1922 [Apr.] no.3/4

Sterrett, W.D.
A new oak from the Gulf states Journ.Elisha Mitch. Sci. Soc. 37: 178-179 Mr.1922[Apr.] no.3/4
Quercus ashei

Journ. N.Y. Bot. Gard.

Gleason,H.A.
The witch hazels Journ. N.Y. Bot. Gard. 23: 17-19 F.1922 no.266

Howe, M.A.
The Collins collection of algae Journ.N.Y. Bot. Gard. 23: 23-24 F.1922 [Apr.] no.266

Small, J.K.
Wild pumpkins, have we found the original home of this garden esculent? Journ. N.Y. Bot. Gard. 23: 19-23 F.1922 no.266
Gourd found on islands of Lake Okeechobee, Fla.

Journ. Soc. Chem. Industr.

Heilbron, I.M.
The photo- and phyto- synthesis of plant products Journ.Soc.Chem.Industr. 41: 89r-92r Mr.1922 no.5

Monataschr. Kakteenk.

Markgraf Fr.
Die organe der sukkulenten Monatsschr. Kakteenk. 32:23-26 F.1922 no.2

Schwantes, G.
Zur stammesgeschichte der sphäroidea Monatsschr. Kakteenk. 31: 165-173 pl. N.1921 no.11

Ulbrich, Eberhard
Kulturkrankheiten der kakteen Monatsschr. Kakteenk. 31: 113-121 Ag.1921 no.8

Vaupel, Friedrich
Pilocereus catalani Riccob. spec.nov. Monatsschr. Kakteenk. 31: 183-184 D.1921 no.12

Month. Bull. Dept. Agr. Calif.

Smiley, F.J.

Weeds of California and methods of control. By R.J.Smiley, collaborator and other members of the State department of agriculture. Sacramento, 1922

xxii, 253, [34] p. illus. 23cm. (Month.Bull. Dept. Agr. Calif. v.11, no.2/3)

The continuous paging for the volume is also given: xxii, 74-360 p.

Milbrath, D.G.

The potato as one of the chief agents in the distribution of root-knot nematode (Heterodera radicicola) Month. Bull. Dept. Agr. Calif. 11: 268-371 illus. Ap.1922 no.4

Mycologia

Fink, Bruce

A new lichen from an unusual substratum Mycologia 14: 95-96 Mr.1922 [Apr.] no.2

Thelocarpon fimicola

Miles, L.E.

A new species of Myriangium on pecan Mycologia 14: 77-80 pl.14 Mr.1922 [Apr.] no.2

M. tuberculans

Murrill, W.A.

Another green-spored genus of gill-fungi Mycologia 14: 96-98 Mr.1922 [Apr.] no.2

Chlorosperma olivaespora (Ellis & Ev.) new comb.

Murrill, W.A.

Dark-spored agarics I Mycologia 14: 61-76 Mr.1922[Apr.] no.2

I. Drosophila, Hypholoma, Pilosace

Snell, W.H.

A new Septobasidium on Pinus strobus Mycologia 14: 55-60 pl.11-31 Mr.1922[Apr.] no.2

S. pinicola

Tanaka, Tyôzaburô

New Japanese fungi. Notes and translations XI Mycologia 14: 81-89 Mr.1922 [Apr.] no.2

Nat. Geogr.. Mag.

Rock, J.F.

Hunting the chaulmoogra tree Nat. Geogr. Mag. 41: 242-276 (incl. map) Mr.1922 no.3

New Phytol.

Hodgetts, W.J.

A study of the factors controlling the periodicity of freshwater algae in nature (cont.) New Phytol. 21: 15-33 Mr.1922 no.1

Bibliography: p.32-33

Priestley, J.H.

Further observations upon the mechanism of root pressure New Phytol. 21: 41-47 Mr.1922 no.1

References: p.47

Stiles, Walter

Permeability Chap. VI. Osmotic pressure New Phytol. 21: 1-14 Mr.1922 no.1

Ohio Journ. Sci.

Schaffner, J.H.

The classification of plants XII Ohio Journ. Sci. 22: 129-139 Mr.1922 no.5

Paper Dept. Bot. Ohio Univ. no.127

Parfum. Mod.

Jahandiez, Emile

Plantes aromatiques de la Corse Parfum. Mod. 15: 43-49 illus. Mr.1922 no.3

English summary: p.41

Proc. Cambridge Phil. Soc.

Line, J.
A note on the biology of the "crown-gall" fungus of lucerne Proc. Cambridge Phil. Soc. 20: 360-365 illus. My.1921 [Rec'd Mr.1922] no.3

Proc. Wash. State Hort. Assoc.

Fisher, D.F.
Apple powdery mildew Proc. Ann. Meet. Washington State Hort. Assoc. 15(1919): 46-52 [1920]

Fisher, D.F.
Apple scald Proc. Ann. Meet. Washington State Hort. Assoc. 16(1920): 141-146 [1921]

Fisher, D.F.
Winter injury Proc. Ann. Meet. Washington State Hort. Assoc. 16(1920): 27-35 [1921]

Heald, F.D.
Non-parasitic diseases of the apple in Washington Proc. Ann. Meet. Washington State Hort. Assoc. 16 (1920): 146-158 [1921]

Heald, F.D.
Recent progress in our knowledge of potato diseases and their prevention and control. Proc. Ann. Meet. Washington State Hort. Assoc. 16 (1919): 198-203 [1920]

Hungerford, C.W.
Some newer aspects of the potato disease situation Proc. Ann. Meet. Washington State Hort. Assoc. 16(1920): 266-270 [1921]

Hutchins, L.N.
Collar diseases of the apple and pear with especial referende to blight Proc. Ann. Meet. Washington State Hort.Assoc. 15(1919): 92-102 [1920]

Morris, O.M.
Winter injury to fruit trees Proc. Ann.Meet. Washington State Hort. Assoc.16(1920): 15-21 [1921]

Newcomer, E.J.
Arsenical residues on harvested fruits Proc. Ann. Meet. Washington State Hort. Assoc. 16 (1920): 90-92 [1921]

Pulp and Paper Mag. Canada

Snell, W.H.
The relation of the moisture content of wood to its decay, with special reference to the spraying of log piles Pulp & Paper Mag. Canada 19: 531-533 illus. My.19,1921

Quart. Journ. For.

Berkeley, L.E.D.
A new light on Armillaria mellea Quart.Journ. For. 16: 144-146 Ap.1922 no.2
In Japan, living in symbiosis with an orchid, Gastrodia alata

Somerville, William
Buds Quart. Journ. For. 16: 121-127 Ap. 1922 no.2

Queensl. Agr. Journ.

Bick, E.W.
Flowering trees of the Brisbane botanic garden Browngrandiceps Queensl. Agr. Journ. 17: 110-111 illus. Mr.1922 no.3

White, C.T.
Queensland trees no.9 White myrtle (Rhodamnia argentea) Queensl. Agr. Journ. 17: 107-109 illus. Mr.1922 no.3

Rev. Agr. Com. y Trab. Cuba

Bruner, S.C.
Sobre la transmission de la enfermedad del "mosaico" o "rayas amarillas" en la caña de azucar. Rev. Agr. Com. y Trab. Cuba 5: 10-22 illus. Mr.1922 no.1
Literature citada: p.22

Cremata, Merlino
Algunas plantas causticas, rubefacientes o vesicantes Rev. Agr. Com. y Trab. Cuba 5: 24-26 Mr.1922 no.1

Rev. Gén. Sci.

Becquerel, Paul
La découverte de la phyllorhize; ses conséquences pour la morphologie et la biologie des plantes vasculaires Rev. Sci. Pur. et Appl. 33: 101-110 illus. F.28,1922 no.4

Dufrenoy, Jean
La sélection des blés résistant aux rouilles Rev. Gén. Sci. Appl. et Pur. 33: 81-83 F.15,1922 no.3
Bibliographical foot notes

Riv. Biol.

Ravenna, Ciro
Giacomo Ciamician Riv. Biol. 4: 137-140 Ja./F.1922

Science

Hor, K.S.
A new variety of barley with striking characteristics Science 55: 378 Ap.7,1922 no.1423

Scient. Agr.

Tice, Cecil
Seed potato inspection and certification in British Columbia Scient. Agr. 11: 249-251 Ap. 1922 no.8

Soil Sci.

Neller, J.R.
The influence of growing plants upon oxidation processes in the soil Soil Sci. 13: 139-158 pl.i Mr.1922
References: p.155-158

Sunset

Saunders, C.F.
The paradox of the desert. How the wild plants of the arid southwest supply man with food, drink and materials for clothing and shelter Sunset v.48, no.5, p.17-19 illus. My.1922

U.S. Dept. Agr. Circ.

Patterson, F.W., Diehl, W.W. & Cash, E.K.
A list of fungi (Ustilaginales and Uredinales) prepared for exchange U.S.Dept. Agr. Dept. Circ. 195 50 p. F.1922 [Rec'd Apr.]

Tanaka, Tyôzaburô
A new feature of bud vatiation in Citrus U.S.Dept. Agr. Dept. Circ. 206 8 p. 1922
Literature cited: p.7-8

U.S. Dept. Agr. Farm. Bull.

Mulford, F.L.
Trees for town and city streets U.S.Dept. Agr. Farm. Bull. 1208 40 p. illus. Mr.1922

U.S.Dept. Agr. Library Bibliog. Contr.

U.S.Dept. of Agriculture - Bur. of Plant Industry Library
Check list of publications of the State agricultural experiment stations on the subject of plant pathology 1876-1920 U.S.Dept. Agr. Library Bibliogr. Contr. no.2 179 p. Ap.1922
Prepared by Eunice R.Oberly & Jessie M. Allen.

Exper. Stat. Publ.

Rankin, W.H. & J.F.Hockey
Mosaic and leaf curl of the cultivated red raspberry
Circ. Div. Bot. Dominion Exp. Farms n.s., 1 3 p. Mr.1922

Rankin, W.H.
Survey of the prevalence of common plant diseases in the Dominion of Canada, 1920 1st annual report [Publ.] Div. Bot. Dominion Exp. Farms 55 p. [1922?]
W.P.Fraser joint comp.
Mimeographed

Edgerton, C.W. & Moreland, C.C.
Department of plant pathology Ann. Rep. Agr. Exp. Stat. Louisiana 33 (1921): 15-17 1922

Matz, Julius
Annual report for the division of plant pathology and botany for the year 1920-21 Ann. Rep. Insular Exp. Stat. Porto Rico 1920/21 p.51-58 1921 [1922?]

Matz, Julius
La enfermedad de la raíz de la caña de azúcar Circ. Estac. Exp. Insular Puerto Rico 56 11 p. illus. 0.1921 [Rec'd Apr.1922]

Matz, Julius
Un enfermedad dañina de la habichuela Circ. Estac. Exp. Insular Puerto Rico 57 8p. illus. 0.1921 [Rec'd Ap.1922]
Caused by Rhizoctonia microsclerotia

New Books

American florists company directory, 1922
Chicago, 1922

Mansfield, Wm.
Botany developmental and descriptive Phila. & N.Y. Lea & Febiger, 1922

Oudemanns, C.A.JA.
Enumeratio systematica fungorum. v.3, 1921.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 82.
Indexed - April 24-May 6, 1922.

Agr. News

Ashby, S.F.
Experiments on red ring disease of the coconut in Grenada Agr. News 21: 94-95 Mr.18,1922 no.519

Ashby, S.F.
A fungous decay of nutmegs in Grenada Agr. News 21: 93 Mr.18,1922 no.519
Caused by species of Phomopsis

Agron. Colon.

Gattefossé, Jean
Huiles essentielles nouvelles du Tonkin et de l'Annam Agron. Colon. 6: 65-74 Mr.1922 no.51

Amer. For.

Packard, Winthrop
Our vanishing wild flowers Amer. For. 28: 293-299 illus. May 1922 no.341

Shufeldt, R.W.
Birds and flowers of early summer Amer. For. 28: 283-289 illus. May 1922 no.341

Sudworth, G.B.
A new Chinquapin Amer. For. 28: 300-301 illus. May 1922 no.341
Castanea pumila ashei

Amer. Journ. Bot.

Benedict, R.C.
The origin of new varieties of Nephrolepis by orthogenetic saltation II. Regressive variation or reversion from the primary and secondary sports of bostoniensis Amer. Journ. Bot. 9: 140-157 pl.v-x Mr.1922 [Ap.] no.3

Johnston, E.S.
Undercooling of peach buds Amer. Journ. Bot. 9: 93-98 Mr.1922 [Ap.] no.3

Newcombe, F.C.
Significance of the behavior of sensitive stigmas Amer. Journ. Bot. 9: 99-120 Mr.1922 [Ap.] no.3
Bibliography: p.120

Tellefsen, M.A.
The relation of age to size in certain root cells and in vein-islets of the leaves of Salix nigra Marsh. Amer. Journ. Bot. 9: 121-139 illus. Mr.1922 [Ap.] no.3
Bibliography: p.138-139

Amer. Nat.

Blakeslee, A.F.
Variations in Datura due to changes in chromosome number Amer. Nat. 56: 16-31 illus. Ja., F.1922 [Mr.] no.642
Literature cited: p.31

Emerson, F.A.
The nature of bud variations as indicated by their mode of inheritance Amer. Nat. 56: 64-79 Ja./F.1922 [Mr.] no.642
Literature cited: p.79

Arch. Rubbercult. Nederl.-Ind.

Bobilioff, W.
Onderzoekingen over den worteldruk van Hevea brasiliensis Arch. v. Rubbercult. Nederl. Ind. 6: 113-124 Mr.1922 no.3
English summary: p.124

Arch. v. Rubbercult. Nederl. Ind.

Steinmann, A.

Over de instervingsziekte bij Hevea brasiliensis Arch. v. Rubbercult. Nederl. Ind. 6: 95-112 illus. pl. Mr.1922 no.3

Literatuur-opgave: p.107-109

English summary (An apparently non parasitic dieback of Hevea bradiliensis): p.110-112

Includes note on biology of Gloeosporium alborubrum Petch, seems to indicate its identity with G. elasticae Cke. & Massee, but expects to publish further data on this point.

Bengal Agr. Journ.

Kar, P.C.

Red rot of sugar cane Bengal Agr. Journ. 1: 54-57 col.pl. Je.1921 no.2

Entomological and mycological series no.II

Kar, P.C.

Soft rot of ginger Bengal Agr. Journ. 1: 80-81 S.1921 no.3

Entomological and mycological series no.III

Caused by Pythium butleri

Biochem. Journ.

Clayson, D.H.F., F.W.Norris & S.B.Schryver

The pectic substances of plants pt.II A preliminary investigation of the chemistry of the cell-walls of plants Bio-chem. Journ. 15: 643-653 1921 no.5

Bol. Mens. Defensa Agr. Uruguay

Enfermedad de los platanos Bol. Mens. Defensa Agr. Uruguay 3: 20-21 F.1922 no.2

Gloeosporium nervisequum

Bot. Jahrb. Engl.

Engler, Adolf

Eine neuer saxifragen-bastard (Saxifraga cuneifolia x rotundifolia) Bot. Jahrb. Engl. 57 (Beibl.) 27: 63 Mr.1922 no.3

Harms, Hermann

Eine neue art von Platymiscium (Leguminosae) aus Brasilien Bot. Jahrb. Engl. 57 (Beibl. 127): 64 Mr.1922 no.3

Platymiscium zehntneri

Lauterbach, C.

Beiträge zur flora von Papuasien VIII (68-72) Bot. Jahrb. Engler 57: 321-400 illus. Mr.1922 no.3

68. Fungi novo-guineenses. Von H. Sydow. Gibellula aranearum, Calostilbe ledermannii, Melogramma novoguineense & n.sp. in Cordyceps
69. Die rhamnaceen papuasiens. Von C. Lauterbach.
70. Die lecythidaceen papuasiens. Von C. Lauterbach.
71. Zwei neue Piper aus Neu-Mecklenburg. Von Cas. de Candolle (P. peekelii, P. anisopleurum)
72. Die myrtaceen von Papuasien. Von L. Diels.

Mattfeld, Joh.

Beitrag zur kenntnis der systematischen gliederung und geographischen verbreitung der gattung Minuartia Bot. Jahrb. Engler 57 (Beibl. 127): 13-63 Mr.1922 no.3

M. engleri, M. wettsteinii n.sp.

Schalow, E.

Ueber die beziehungen zwischen der pflanzenverbreitung und den ältesten menschlichen siedelungsstätten im mittelsten Schlesien. Bot. Jahrb. Engl. 57 (Beibl. 127): 1-12 Mr.1922 no.3

Bryologist

Burnham, S.H.

Lichens of the Lake George region Bryologist 25: 1-8 Ja.1922 [My.] no.1

Bryologist

Grier, N.M.
The mosses of Washington county, Pennsylvania
Bryologist 25: 9-12 Ja.1922 [My.] no.1

Grout, A.J.
Brachythecium notes Bryologist 25: 13-14
Ja.1922 [My.] no.1
B. holzingeri comb.nov.

Györffy, István
Novitas bryologica II. Bryologist 25: 18
illus. Ja.1922 [My.] no.1
Cladosporium parasitic on mosses

Holzinger, J.M.
Grimmia brandegei Aust. Bryologist 25:
16-17 Ja.1922 [My.] no.1

Kaiser, G.B.
Little journeys into mossland VI. The mosses
of tree-trunks Bryologist 25: 14-16 Ja.
1922 [My.] no.1

Bull. Dept. Agr. Trinidad & Tobago

Plant diseases and pests Bull. Dept. Agr.
Trinidad & Tobago 19: 169-187 1922 no.4
Plant protection legislation in Trinidad
Proclamation of pests and diseases
Notes on the proclaimed diseases and pests, by
Wm. Nowell & F.W.Urich
Proclamations concerning plant importation
Regulations affecting movement of plants within the colony.

Britton, N.L.
A Trinidad tree-gentian Bull. Dept. Agr.
Trinidad & Tobago 19: 230 1922 no.4
Chelonanthus arboreus n.sp.

Bull. Green Sect. U.S.Golf Assoc.

Carrier, Lyman
Brown-patch and the Bordeaux treatment Bull.
Green Sect. U.S.Golf Assoc. 2: 109-116 illus.
Ap.1922 no.4

Bull. Mass. Hort. Soc.

Massachusetts horticultural society.
Wild flower literature. A seledtion of books on
the American wild flowers and ferns Bull. Mass.
Hort. Soc. no.10 p.49-56 Ap.1922

Bull. Misc. Inform. Kew

Boodle, L.A.
Recovery of Hevea trees after ringing Bull.
Misc. Inform. Kew 1922 p.91-94 illus. Mr.1922
no.2

Butler, E.J.
Phytopathology in the United States Bull.
Misc.Inform. Kew 1922 p.85-91 Mr.1922 no.2

Hill, A.W.
Sir John Kirk Bull. Misc. Inform. Kew 1922
p.49-63 Mr.1922 no.2

Hughes, D.K.
The "serrato-ciliata" group of Tropaeolum Bull.
Misc. Inform.Kew 1922 p.63-85 illus. Mr.1922
no.2
Many new species described.

Bull. R. Soc. Tosc. Ortic.

Roster, Giogio
La resistenza al freddo, la identificazione e la
nomenclatura delle palme, con elenco deigiardini
d'Italia dove si coltivano all'aria aperta
Bull. R. Soc. Tosc. Ortic. 47: 24-28 Mr./Ap.1922
no.3/4

Calif. Citrogr.

Barrett, J.T. & H.S.Fawcett
Withertip, tear-stain and control of brown rot
Calif. Citrogr. 7: 232-233, 254 illus. My.1922
no.7

Fawcett, H.S.
Psorosis (scaly bark) of orange trees Calif.
Citrogr. 7: 224, 241 My.1922 no.7

Centralbl. Bakt. Abt.II

Blumer, Samuel
Beiträge zur spezialisation der Erysiphe horridula Lév. auf boraginaceen Centralbl. Bakt. abt.
2, 55: 480-506 illus. F.1922 no.21/24
Literatur: p.506

Boas, Friedrich & F. Merkenschlager
Versuche über die anwendung kolloidchemischer methoden in der pflanzenpathologie Centralbl.
Bakt. abt.2, 55: 508-515 F.1922 no.21/24

Buchheim, Alexander
Zur biologie von Uromyces pisi (Pers.) Winter
Centralbl. Bakt. abt.2, 55: 507-508 F,1922
no.21/24

Will, H.
Die grenztemperatur für die vermehrungs- und lebensfähigkeit der saccharomyceten und die bei diesen auftrentenden zellformen und zellgrössen als
diagnostisches merkmal. Centralbl. Bakt. abt.
2, 55: 465-480 F.1922 no.21/24

Compt. Rend. Acad. Sci. Paris

Corbière, Louis & Aug. Chevalier
Sur l'origine du Spartina Townsendi et sur son
rôle dans la fixation des vases marines. Compt.
Rend. Acad. Sci. Paris 174: 1084-1087 Ap.1922
no.16

Gain, Edmond
Temperature ultra-maxima supportée par les embryons d'Helianthus annuus L. Compt. Rend. Acad.
Sci. Paris 174: 1031-1033 Ap.1922 no.15

Moreaux, Fernand
Le mycélium à boucles chez les Ascomycètes
Compt. Rend. Acad. Sci. Paris 174: 1072-1074
Ap.1922 no.16

Souèges, M.R.
Embryögénie des Rosacées. Les premiers stades
du développement de l'embryon chez le Geum urbanum
L. Compt. Rend. Acad. Sci. Paris 174: 1070-1072 illus. Ap.1922 no.16

Stoklasa, Julius
Influence du sélélium etdu radium sur la germination des grains Compt. Rend. Acad. Sci.
Paris 174: 1075-1077 Ap.1922 no.16

Compt. Rend. Soc. Biol. Paris

Maige, Albert
Influence de la température sur la formation de
l'amidon dans les cellules végétales Compt.
Rend. Soc. Biol. Paris 86: 685-686 1922 no.12

Sartory, Auguste & P. Bailly
Influence des sels de terres rares sur la structure du mycélium de l'Aspergillus funigatus Fr. et
sur la formation de l'appareil conidien Compt.
Rend. Soc. Biol. Paris 86: 601-604 1922

Cuba Rev.

Mell, C.D.
The guava Cuba Rev. v.20, no.5, p.11-13
illus. Ap.1922
Psidium guayaba

Cuba Rev.

Mell, C.D.
The tamarindo tree of Cuba Cuba Rev. v.20, no.5, p.13-15 illus. Ap.1922
Tamarindus indicus

Mell, C.D.
The uses of the horse-radish tree Cuba Rev. v.20, no.5, p.15-17 illus. Ap.1922
Moringa pterygosperma

Flow. Grow.

Brown, C.W.
Gladiolus nomenclature (cont.) Flower Grow. 9: 126-127 My.1922 no.5

Fruit Grow. Fruiterer, Flor. & Mark. Gard.

Parker, Theodore, A.R.Long & J.S.Mitchell
Soil sterilisation for tomatoes Fruit Grow. Fruit. Flor. & Mark. Gard. 53: 631-632 illus. Ap.6,1922 no.1375

Gard. Mag.

Wherry, E.T.
How acid is an acid soil? Gard. Mag. 35: 184-185 My.1922 no.3

Gard. Chron.

Brown, N.E.
Mesembryanthemum and some new genera separated from it. (cont.) Gard. Chron. III, 71: 198 Ap.22,1922 no.1843
Conophytum

Do plants know time Gard. Chron. III, 71: 175, 189 Ap.1922 no.1842-3

Ramsbottom, John
Orchid mycorrhiza Gard. Chron. III, 71: 182, 200 illus. Ap.15,22,1922 no.1842-3

Roberts, William
An Italian broadside, 1612 Gard. Chron.III, 71: 180 illus. Ap.15,1922 no.1842
"La nobil pianta chiamata maranto"

Thatcher, A.E.
Chinese shrubs at Aldenham Gard.Chron.III, 71: 179, 199 Ap.15,22,1922 no.1842-3

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.13 The valley of beautiful flowers Gard.Chron.III, 71: 196-197 Ap.22,1922 no.1843

Wormald, H.
Notes on the control of nursery stock against crown-gall Gard. Chron. III, 71: 198 Ap.22, 1922 no.1843
Experiments with Paradise apple stock that liability to gall is reduced by cutting shoots with knife instead of tearing them from stool; covering cut surfaces with protective layer, and careful handling and planting.

Gartenw.

Erlbeck, Alfred
Goethe als gärtner. Zum 90. todestage des grossen deutschen dichters und denkers am 22. März 1922. Gartenw. 26: 112-114 illus. Mr.17,1922 no.11

Illus. Landw. Zeit.

Zade, Adolf
Die bekämpfung des weizensteinbrandes mittels des formalin-auslaugungsverfahrens. Illustr. Landw. Zeit. 42: 51-52 F.18,1922 no.13/14

Indian For.
Trade names for Indian timbers Indian For.
48: 135-141 Mr.1922 no.3

Journ. Bot.
Britten, James
Frederick Arnold Lees (1847-1921) Journ.Bot.
60: 97-100 port. Ap.1922 no.712

Dixon, H.N.
Rhacopilopsis trinitensis E.G.Britt. & Dixon
Journ. Bot. 60: 86-88 Mr.1922 no.711

Dixon, H.N.
Some new genera of mosses Journ. Bot. 60:
101-110 pl.564 Ap.1922 no.712
Nanobryum dummeri, Chionoloma induratum, Bedoomiella funarioides, Oedipodiella australis, Chamaebryum pottioides, Physcomitrellopsis africans, Dimorphocaldon bornense.

Grove, W.B.
Coleosporium narcissi sp.n. Journ. Bot. 60:
121-122 Ap.1922 no.712

Grove, W.B.
New or noteworthy fungi VIII Journ. Bot. 60:
81-86 Mr.1922 no.711
Amphorula n.g., A. sachalinensis, Septoria polypodi. n.sp.

Hitchcock, A.S.
Plant nomenclature Journ. Bot. 60: 111-112
Ap.1922 no.712

Norman, Cecil
New umbelliferae from tropical Africa Journ.
Bot. 60: 118-120 Ap.1922 no.712
Carum angolense, Selinum angolense, Pimpinella robusta, Peucedanum gossweileri, Annesorhiza gossweileri Collected in Angola and Mayumbe by John Gossweiler

Pennell, F.W.
Plant nomenclature Journ. Bot. 60: 112-118
Ap.1922 no.712
Stability of names. - Accuracy and applicability of names

Sprague, T.A.
The nomenclature of plant families Journ.
Bot. 60: 69-73 Mr.1922 no.711

Williams, F.N.
Critical notes on some species of Cerastium (cont.)
Journ. Bot. 60: 74-80 Mr.1922 no.711

White, J.W.
Cedric Bucknall (1849-1921) Journ. Bot. 60:
65-67 port. Mr.1922 no.711

Journ. For.
McDougall, W.B.
Mycorhizas of coniferous trees Journ. For.
20: 255-260 illus. Mr.1922 no.3
Literature cited: p.260

Newins, H.S.
The weeping hemlock Journ. For. 20: 272-275
Mr.1922 no.3
References: p.275
Suggests name Tsuga heterophylla flaccida

Journ. Genetics
Collins, E.J.
Variegation and its inheritance in Chlorophytum
elatum and Chlorophytum comosum Journ. Genetics
12: 1-17 illus. 8 pl. Apr.1922 no.1
References: p.17

Jour. Genetics
Vavilov, N.I.
The law of homologous series in variation
Jour. Gen. 12: 47-89 2 pl. Apr.1922 no.1

Tammes, Tine
Genetic analysis, schemes of co-operation and
multiple allelomorphs of Linum usitatissimum
Jour. Gen. 12: 19-46 illus. Apr.1922 no.1

Jour. Hered.
Demerec, M.
Zebra striped leaves Heritable characters of
maize X Jour. Hered. 12: 406-407 illus.
N.1921 [My.1922] no.9
Paper no.98 Dept. Plant Breed. Cornell

Karper, R.E.
Compound fruits in the peach resulting from
multiple pistils Journ. Hered. 12: 402-406
illus. N.1921 [My.1922] no.9

Kempton, J.H.
Waxy endosperm in Coix and sorghum Journ.
Hered. 12: 396-400 illus. N.1921 [My.1922]
no.9

Piper, C.V.
An unusual type of proliferation in Agropyron
cristatum Journ. Hered. 12: 423 illus.
N.1921 [My.1922] no.9

Popenoe, Wilson
The Andes berry Journ. Hered. 12: 387-393
illus. N.1921 [My.1922] no.9
Rubus glaucus

Ramsey, F.T.
The Swazey barberry Journ. Hered. 12: 426-
427 illus. N.1921 [My.1922] no.9

Journ. Ind. & Engin. Chem.
Bogert, M.T.
The flower and the organic chemist: perfumes,
natural and synthetic Journ. Industr. &
Engin. Chem. 14: 359-364 My.1922 no.5

Journ. Soc. Nat. Hort. France
Rivière, Gustave & G. Pichard
De la stérilisation partielle du sol au moyen
de l'arsńiate de soude Journ. Soc. Nat.
Hort. France IV, 23: 141-142 Mr.1922

Journ. Wash. Acad. Sci.
Blake, S.F.
Two new species of Acanthospermum from the Gala-
pagos Islands Journ. Wash. Acad. Sci. 12:
200-205 illus. Ap.19,1922 no.8
A. brachyceratum, A. leptolobum

Hitchcock, A.S.
A perennial species of teosinte Journ.Wash.
Acad. Sci. 12: 205-208 Ap.19,1922 no.8
Euchlaena perennis

Landscape Arch.
Hamblin, S.F.
In praise of vines Landscape Arch. 12:
148-160 illus. Ap.1922 no.3

K. Landtbr. Akad. Handl. o. Tidskr.
Lindfors, Thore
Ett besprutningsförsök mot äppleskorv sommaren
1921 K. Landtbr.-Akad. Handl. o. Tidskr. 61:
120-127 1922
Reprinted as Meddel. n:r 227 Centralanst. f.
Försöksv. p. Jordbruks. Avdeln. f. Landtbruksbot.
n:r 23

Missouri Bot. Gard. Bull.

The Chelsea physic garden Missouri Bot. Gard. Bull. 10: 55-67 pl. Ap.1922 no.4

Herbals Missouri Bot. Gard. Bull. 10: 68-73 Ap.1922 no.4

Some problems and exhibits in plant pathology Missouri Bot. Gard. Bull. 10: 73-78 Ap.1922 no.4

Möller's Deut. Gärtn.-Zeit.

Siebert, August

Das lebenswerk eines deutschen gärtners. Zum erstjährigen erinnerung an H.F.C.Sanders tod. Möllers Deut. Gärtn.-Zeit. 37: 53-55 port. Mr.10,1922 no.7

Naturwissenschaften.

Schiemann, Elisabeth

Die phylogenie der getreide Naturwissenschaften 10: 133-140 F.10,1922 no.6

Orchid Rev.

J.F.Duthie Orchid Rev. 30: 98 Ap.1922 no.346

Died F.23,1922, aged 76.

Stephenson, T. & T.A.Stephenson

Hybrids of Gymnadenia conopsea and Coeloglossum viride Orchid Rev. 30: 101-103 illus. Ap.1922 no.346

Adds a brief tribute to memory of Rev. R.F.Burton who first discovered this plant and who died Ja.7th, 1922 at age of 57.

Parfum. Mod.

Ram, Sahagar

Le Jardin d'essais d'Agla, à Tanger. Parfum. Mod. 15: 61-63 illus. Ap.1922 no.4

Denis, Marcel

Les euphorbiées des Iles australes d'Afrique (suite) Rev. Gén. Bot. 34: 5-64, 96-123 illus. Ja., F.1922

Pharm. Journ.

Small, James & F.M.J.Adams

Yohimbe bark: its history and identification in commerce Pharm. Journ. IV, 54: 282-285 Ap.8,1922 no.3051

References: p.285

Philipp. Agr.

Braganca Pereira, E. de

Sclerotium disease of rice Philipp. Agr. 10: 331-345 F.1922 no.7

Philipp. Journ. Sci.

Becker, Wilhelm

Die violen der Philippen Philipp. Journ.Sci. 19: 707-722 D.1921 [Ap.1922] no.6

Viola ramosiana, V. edañoii n.sp.

Groves, James

Charophyta from Annam and Guam Philipp. Journ. Sci. 19: 663-664 D.1921 [Ap.1922] no.6

Nitella acuminata, N. dualis, Chara australis, C. flaccida

Merrill, E.D.

Two new species of plants from Hainan Philipp. Journ. Sci. 19: 677-679 D.1921 [Ap.1922] no.6

Trichospermum moningeriae, Gardenia stenophylla

Welles, C.G.

Cercospora leaf spot of coffee Philipp. Journ. Sci. 19: 741-745 pl. D.1921 [Ap.1922] no.6

Literature cited: p.744

Phytopath.

Abstracts of papers presented at the 5th annual meeting of the Pacific division, American phytopathological society, Berkeley, California, Aug.4-5, 1921. Phytopath. 12: 103-108 F.1922[Ap.] no.2

Kirby, R.S.

The take-all disease of cereals and grasses Phytopath. 12: 66-88 illus., pl.ii-iv F.1922 [Ap.] no.2

Literature cited: p.87-88

Abstract: Phytopath. 12: 27 Ja.1922 [Mr.] (Preprint 1921)

Lee, H.A.

Banana freckle in the Philippine Islands. Phytopath. 12: 101-102 illus. F.1922[Ap.] no.2

Weber, G.F.

Studies in corn rust Phytopath. 12: 89-97 illus. F.1922 [Ap.] no.2

Literature cited: p.97

Welles, C.G.

Cercospora leaf spot of eggplant Phytopath. 12: 61-65 illus. F.1922 [Ap.] no.2

C. melongenae

Wolf, F.A.

Additional hosts for Bacterium solanacearum Phytopath. 12: 98-99 F.1922 [Ap.] no.2

Soybean, dahlia, cosmos

Wolf, F.A.

A leafspot disease of tobacco caused by Phyllosticta nicotiana E. and E. Phytopath. 12: 99-101 F.1922 [Ap.] no.2

Proc. Roy. Soc. Ser.B

Arber, Agnes

On the development and morphology of the leaves of palms Proc. Roy. Soc. Ser.B, 93: 249-261 illus. Ap.1922 no.652

List of memoirs cited: p.261

Rev. Bot. Appl.

Trabut, Louis & R. Maire

La station botanique de Maison-Carrée en Algérie Rev. Bot. Appl. & Agr. Colon. 2: 86-92 Mr.1922

Rec. Trav. Bot. Néerl.

Bremekamp, C.E.B.

Ueber den einfluss des lichtes auf die geotropische reaktion Rec. Trav. Bot. Néerl. 18: 373-438 pl.vii-ix 1921 no.4

Rev. Gén. Bot.

Allorge, Pierre

Les associations végétales du vexin français Rev. Gén. Bot. 34: 71-79, 134-144 Ja.,F.1922 no.397-398

Carpienter, A.

Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-19 (suite) Rev. Gén. Bot. 34: 65-70, 124-133 Ja.,F.1922 no.397-398

Denis, Marcel

Les euphorbiées des Iles australes d'Afrique (suite) Rev. Gén. Bot. 34: 5-64, 96-123 illus. Ja.,F.1922 no.397-398

Sprecher, Andreas

Contribution à l'étude des poils de la fleur et du fruit d'Eriodendron anfractuosum DC. Rev. Gén. Bot. 34: 81-95 F.1922 no.398

Rev. Vitic.

Villedieu, G.
Cuivre et mildiou Rev. Vitic. 56: 263-269
Ap.6,1922 no.1419

Rhodora

Evans, A.W.
Notes on New England Hepaticae XVI Rhodora
23: 281-284 pl.130 D.1921 [Ap.1922] no.276

Fernald, M.L.
The Gray herbarium expedition to Nova Scotia 1920
(concl.) Rhodora 23: 284-300 D.1921 [Ap.1922]
no.276

Weatherby, C.A.
Barratt, Torrey and Schweinitz: a correction and
discrepancy Rhodora 23: 300-301 D.1921
[Ap.1922] no.276

Science

Benedict, H.M.
Further consideration of the size of vein-islets
of leaves as an age-determinant Science 55:
329-330 Ap.14,1922 no.1424

Blake, S.F.
Two new western weeds Science 55: 455-456
Ap.28,1922 no.1426
Bassia hyssopifolia, Centaurea picris

Gerould, J.H.
Lamarck, Mirbel and the cell theory Science
55: 421-422 Ap.21,1922 no.1426

Hedges, Florence
A bacterial wilt of the bean caused by Bacterium
flaccumfaciens nov.sp. Science 55: 433-434
Ap.21,1922 no.1425

Hooker, H.D.
Horticulture as a science Science 55: 384-
388 Ap.14,1922 no.1424

Hutchison, C.B.
The elementary course in genetics Science 55:
416-421 Ap.21,1922 no.1425

Sherman, J.M.
The culture collection of the Society of American
bacteriologists Science 55: 423 Ap.21,1922
no.1425

Station for the study of deciduous fruits at
Stanford university Science 55: 423 Ap.21,
1922 no.1425
Station established by U.S. Dept. of Agriculture
in cooperation with the University, in charge of
W.F.Wight, of the Chico experiment station & Leroy
Abrams of the university.

Wieland, G.R.
Devonian plants Science 55: 427-428 Ap.21,
1922 no.1425

K. Svenska Vetensk. Akad. Handl.

Eriksson, Jakob
Das leben des malvenrostpilzes (Puccinia malvacearum Mont.) in und auf der nährpflanze K.
Svenska Vetensk. Akad. Handl. v.62, no.5 190 p.
illus. 1921
Literaturverzeichnis: p.187-188

Tropenpfl.

Reko, B.P.
Nutz und edelhölzer Mexikos Tropenpfl. 25:
16-22, 52-56 1922 no.1/2

Timberman

Hofmann, J.V.
White pine blister rust Timberman v.23, no.5, p.33-35 illus. Mr.1922

Torreya

Arthur, J.C.
Changes in phanerogamic names Torreya 22: 30 Mr./Ap.1922 no.2

Gray, F.W.
Scores of stations for Gaylussacia brachycera in West Virginia Torreya 22: 17-18 Mr./Ap.1922 no.2

Lyon, C.J.
A phaenological study in New England Torreya 22: 19-28 Mr./Ap.1922 no.2

Tukey, H.B.
A case of pitillody and staminody in the plum Torreya 22: 28-29 Mr./Ap.1922 no.2

U.S.Dept. Agr. Bull.

Lynch, W.D., Waite, M.B. & others
Poisonous metals on sprayed fruits and vegetables U.S.Dept. Agr. Bull. 1027 66 p. Ap.17,1922
Literature cited: p.58-66

Marsh, C.D. & Clawson, A.B.
The death camas species, Zugadenus paniculatus and Z. elegans, as poisonous plants U.S.Dept. Agr. Bull. 1012 25 p. iii pl. Ap.17,1922

Rock, J.F.
The chaulmoogra tree and some related species A survey conducted in Siam, Burma Assam and Bengal U.S.Dept. Agr. Bull. 1057 29 p. xvi pl. Ap. 1922
Literature cited: p.28-29

Vie Agr. et Rur.

Dubois, P.
Maladies de dégénérescence de la pomme de terre Vie Agr. & Rur. 20: 187 illus. Mr.18,1922 no.11
Mosaic, Crinkle, Leaf roll

West Ind. Bull.

Hardy, F.
Studies in West Indian soils. II. The soils of Montserrat, their natural history and chief physical properties, and the relationship of these to the problem of die-back of lime trees West Indian Bull. 19: 189-213 map Mr.31,1922 no.2
List of references: p.212-213

Mason, T.G.
Growth and correlation in Sea Island cotton West Indian Bull. 19: 214-238 2 pl. Mr.31,1922 no.2

West Indies. Imperial dept. of agriculture.
Report on the prevalence of some pests and diseases of crops in the West Indies during 1920 West Indian Bull. 19: 239-271 Mr.31,1922 no.2
12th report.

Zeitschr. Bot.

Bachmann, E.
Zur physiologie der krustemflechten Zeitschr. Bot. 14: 193-233 1922 no.3

Stern, Kurt
Zur elektrophysiologie der berberisblüte Zeitschr. Bot. 14; 234-248 1922 no.3

Exper. Stat. Publ.

Neal, D.C.
Spraying experiments for the control of pecan scab in Mississippi Mississippi Agr. Exp. Stat. Bull. 203 14 p. illus. D.1921 [1922?]

Rosa, J.T.
Investigations on the hardening process in vegetable plants Missouri Agr. Exp. Stat. Res. Bull. 48 97 p. D.1921
Bibliography: p.85-90

New Books

Ames, O.
Orchidaceae fasc.VII 1922
Pogonia and its allies in Northeastern United States and other papers

Castle, W.E.
Genetics and eugenics... 2d ed. 1921.

Hampden, Mary
Bulb gardening London, Thornton, Butterworth ltd., 1921.

Maiden, J.H.
Critical revision of the genus Eucalyptus v.5, no.10; v.6, no.1 1921-1922

Pratt, M.B.
Shade and ornamental trees of California [1922?]

Schulz, E.D.
500 wild flowers of San Antonio and vicinity San Antonio, The author, 1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 83.
Indexed - May 8-20, 1922.

LIBRARY
MAY 27 22
Agriculture

Amer. Journ. Bot.

Gericke, W.F.
On the physiological balance in nutrient solutions for plant cultures Amer. Journ. Bot. 9: 180-182 Ap.1922 no.4

Hopkins, E.F.
Hydrogen-ion concentration in its relation to wheat scab Amer. Journ. Bot. 9: 159-179 illus. Ap.1922 no.4
Literature cited: p.178-179

Raines, M.A.
Vegetative vigor of the host as a factor influencing susceptibility and resistance to certain rust diseases of the higher plants Amer. Journ. Bot. 9: 183-203 Ap.1922 no.4

Stevens, N.E.
Rots of early strawberries in Florida and southern California Amer. Jour. Bot. 9: 204-211 Ap.1922 no.4
Literature cited: p.211

Ann. Missouri Bot. Gard.

Armstrong, G.M.
Sulphur nutrition: The use of thiosulphate as influenced by hydrogen-ion concentration Ann. Missouri Bot. Gard. 8: 237-281 illus. S.1921 [My.1922] no.3
Studies in the physiology of the fungi XIV.
Bibliography: p.278-281.

Webb, R.W.
Germination of the spores of certain fungi in relation to hydrogen-ion concentration Ann. Missouri Bot. Gard. 8: 283-341 illus. S.1921 [My.1922] no.3
Studies in the physiology of the fungi XV.
Bibliography: p.340-341

Ann. Naturh. Mus. Wien

Bubak, Franz
Nachträge zur bearbeitung der pilze (Fungi aus Mesopotamien und Kurdistan, sowie Syrien und Prinkipo. Gesammelt von Dr. Heinrich Frh. v. Handel-Mazzetti Ann. Naturh. Mus. Wien 34: 69 1921
Wissenschaftliche ergebnisse der expedition nach Mesopotamien 1910.

Keissler, Karl
Systematische untersuchungen über flechten-paraziten und lichenoide pilze (II.teil) Ann. Naturh. Mus. Wien 34: 70-79 1921

Steiner, Julius
Lichenes aus Mesopotamien und Kurdistan sowie Syrien und Prinkipo. Gesammelt von Dr. Heinrich Fr. v. Handel-Mazzetti Ann. Naturh. Mus. Wien 34: 1-68 1921
Wissenschaftliche ergebnisse der expedition nach Mesopotamien, 1910.

Arch. Protistenk.

Czurdà, Viktor
Zur frage der nucleoluslöslichkeit bei Spirogyra Arch. Protistenk, 44: 346-374 illus., pl.14 Mr.1922
Literaturverzeichnis: p.373

Ark. Bot.

Eriksson, Jakob
The connection between Peridermium strobi Kleb. and Cronartium ribicola Dietr., is it obligate or not? A critical review. Ark. f. Bot. v.18, no.2 40 p. illus. 1922
Bibliography: p.37-39

Bengal Agr. Journ.

Kar, P.C.
Bud rot of Palmyra palm Bengal Agr. Journ. 1: 110-111 D.1921
Entomological and mycological series IV

Ber. Deut. Bot. Ges.

Gassner, Gustav
Ueber einen eigenartigen Uromyces auf Passiflora foetida L. Ber. Deut. Bot. Ges. 40: 64-68 illus. Mr.1922 no.2
Uromyces appelianus n.sp.

Stern, Kurt
Ueber polare elektronastische erscheinungen 3-4 Ber. Deut. Bot. Ges. 40: 43-59 Mr.1922 no.2

Ulehla, Vladimir & V. Morávek
Ueber die wirkung von säuren und salzen auf Basidiobolus ranarum Eid. Ber. Deut. Bot. Ges. 40: 8-20 F.1922 no.1
Literaturverzeichnis: p.19-20

Werth, Emil
Zur experimentellen erzeugung eingeschlechtiger maispflanzen und zur frage : wo entwickeln sich gemischte (androgyne) blütenstände am mais? Ber. Deut. Bot. Ges. 40: 69-77 Mr.1922 no.2
Bibliographical foot notes

Ziegenspeck, Hermann
Lassen sich beziehungen zwischen dem gehalte an basen in der asche und dem stickstoffgehalte der pflanzen aufstellen, die einen rückschluss auf die ernährungsart und die excretion gestatten? Ber. Deut. Bot. Ges. 40: 78-85 Mr.1922 no.2

Better Fruit

Barss, H.P.
Factors inducing calyx spray injury Better Fruit v.16, no.11, p. 7, 24 My.1922
Report of grower (O.G.Rogers) and diagnosis of case by H.P.Barss

Bot. Not.

Henriksson, J.
Anemone nemorosa v. marginata n. var. Bot. Not. 1922 p.103-104 no.2

Bull. Agr. Congo Belge

Vanderyst, H.
Contributions à l'etude du palmier à huile au Congo Belge 16° Les plantes nuisibles à l'Elaeis Bull. Agr. Congo Belge 12: 661-672 D.1921[1922] no.4

Pynaert, L.
Les bananiers Bull. Agr. Congo Belge 12: 673-702 illus., 5 pl. D.1921 [1922] no.4

Bull. Orto Bot. Palermo

Catalano, Giuseppe
Determinazione razionale della xerophila Bull. Orto Bot. Palermo n.s., 2: 171-221 1921

Riccobono, Vincenzo
Pilocereus catalani Ricc. nov.spec. Bull.Orto Bot. Palermo n.s., 2: 225-228 1921

Bull. Soc. Hist. Nat. Afr. Nord

Battandier, J.A.
Micromeria brivesii. Nouvelle espèce du Maroc Bull. Soc. Hist. Nat. Afr. Nord 13: 69 1922 no.3

Bull. Union Agr. Egypt

Mosseri, V.M.
Sur l'origine du riz et l'histoire de sa culture en Egypte Bull. Union Agr. Egypte 20: 5-15 Ja./F.1922 no.143

Canad. Field Nat.
O'Donoghue, C.H.
A preliminary survey of the biota of a sand spit
in Lake Winnipeg Canad. Field Nat. 35: 121-131
O./D. 1921 [Apr.1922] no.7

La Cellule
Litardière, René de
Recherches sur l'élément chromosonique dans la
caryocinèse somatique des filicinées Cellule
31: 253-473 ix pl. 1921
Bibliographie: p.429-441

Deut. Landw. Presse
Müller, H.C. & E. Molz
Verhütung des wurzelbrandes der rüben mittels
der germisanbeize Deut. Landw. Presse 49:
174 illus. Mr.29,1922 no.25

Münter, F.
Unreifes kartoffelsaatgut als schutz gegen pflanzenkrankheiten
Deut. Landw. Presse 49: 153-154
Mr.18,1922 no.22

Deut. Obstb. Zeit.
Protzen, Karl
Die krebsfrage in physiologischer beleuchtung
Deutsche Obstbauz. 68: 62-63 F.1922 no.6/7

Sommer, Heinrich
Kohlhernie-bekämpfung mit Uspulun im jahre 1921
Deutsche Obstbauz. 68: 43-44 F.1922 no.5

Flor. Exch.
Poisonous primroses Flor. Exch. 53: 1096-97
Ap.1922 no.17

The case of quarantine 37 Florists' Exch.
53: 1069, 1096 Ap.29,1922 no.17

Fruit Flower & Veg. Trades Journ.
Parker, Theodore
Plant hygiene and greenhouse sanitation
Fruit, Flower & Veg. Trades Journ. 41: 380-381
Ap.8,1922 no.14

Fühl. Landw. Zeit.
Laibach, Friedrich
Ueber die verwendbarkeit einiger cyanverbindungen gen als beizmittel
Fühl. Landw. Zeit. 71:
28-31 Ja.1922 no.1/2

Gard. Chron.
Brown, N.E.
Mesembryanthemum and some new genera separated
from it Gard. Chron. III, 71: 214 illus.
Ap.1922 no.1844
Conophytum

Brown, N.E.
A new Hedychium Gard. Chron. III, 71:209
illus. Ap.29,1922 no.1844
H. deceptum

Thatcher, A.E.
Chinese shrubs at Aldenham Gard. Chron. III,
71:213 Ap.29,1922 no.1844

Genetics
Emerson, R.A. & C.B.Hutchison
The relative frequency of crossing over in microspore
and in megaspore development in maize
Genetics 6: 417-432 S.1921 [My.1922] no.5

Jones, D.F.
The indeterminate growth factor in tobacco and
its effect upon development Genetics 6: 433-444
illus. S.1921 [My.1922] no.5

Geogr. Journ.
Ward, F.K.
The glaciation of Chinese Tibet Geogr. Journ. 59: 363-369 map My.1922 no.5

Geogr. Rev.
Durland, W.D.
The forests of the Dominican Republic Geogr. Rev. 12: 206-222 illus. Ap.1922 no.2

Hawaiian For. & Agr.
Judd, C.S.
Kilauea national park trees Hawaiian For. & Agr. 18: 255-260 4 pl. D.1921 [1922] no.12

Journ. Biol. Chem.
Wilson, J.W.
The relation of photosynthesis to the production of vitamine A in plants Journ. Biol. Chem. 51: 455-459 Ap.1922 no.2
Bibliography: p.459

Journ. Dept. Agr. So. Africa
Putterill, V.A.
Plant diseases in the Western province IV Journ. Dept. Agr. So. Africa 4: 332-337 illus. Ap.1922 no.4
Two diseases of the loquat (Fusicladium or scab; Entomosporium blight)

Journ. Min. Agr. Gt. Brit.
Paine, S.G. & M.S.Lacey
Chocolate spot disease or streak disease of broad beans Journ. Min. Agr. Gt. Brit. 29: 175-177 pl. My.1922 no.2
References: p.177
Cause Bacillus lathyri

A Lavoura
Bondar, Gregorio
Coqueiros castrados. Doença produzida pelo fungo "pestalozzia palmarum" A Lavoura 25: 321-323 illus. D.1921 no.12

Mem. Dept. Agr. India Bot. Ser.
Patel, M.L.
Studies in Gujarat cottons pt.I Mem. Dept. Agr. Bot. Ser. India v.11, no.4 p.75-127 viii pl. D.1921

Mem. R. Acad. Cienc. Barcelona
Olivier, Henri
Prodromus lichenum Europeorum fruticulosi et foliacei. Adjuntis tabulis analyticis specierum, cum omnium varietatum formarumque descriptione Mem. R. Acad. Cienc. y Artes Barcelona III, 16, no.14 91 p. 1921

Nature
Baly, E.C.C.
Photosynthesis Nature 109: 344-346 Mr.16, 1922 no.2733

Chandler, S.E.
The brown bast disease of the Para rubber-tree Nature 109: 357-360 Mr.16,1922 no.2733

Naturw. Wochenschr.
Schalow, E.
Pflanzenverbreitung und vorgeschichtliche besiedlung Naturw. Wochenschr. n.f., 21: 173-177 Mr.26,1922 no.13
Bibliographical foot notes

New Phytol.
Crow, W.B.
A critical study of certain unicellular Cyanophyceae from the point of view of their evolution New Phytol. 21: 81-102 illus. Ap.25,1922 no.2

New Phytol.

Priestley, J.H. & D. Armstead
Physiological studies in plant anatomy I-
New Phytol. 21: 58-80 Ap.1922 no.2
References: p.80
I, Introduction. II. The physiological relation of the surrounding tissue to the Xylem and its contents.

Seifriz, William
A method for inducing protoplasmic streaming
New Phytol. 21: 107-112 Ap.25,1922 no.2

Stiles, Walter
Permeability New Phytol. 21: 49-57
Apr. 25, 1922 no.2

Notizbl. Bot. Gart. Berl.

Brause, Guido
Einige neue Samoa-farne Notizbl. Bot.
Gart. Berlin 8: 138-141 Apr.1922 no.72

Brunner, C.
Afrolicania als stammpflanze der nico-nüsse
Notizbl. Bot. Gart. Berlin 8: 188-189 Apr.1922
no.72

Engler, Adolf
Ein neuer Amorphophallus aus Südchina
Notizbl. Bot. Gart. Berlin 8:187 Apr.1922
no.72

Harms, Hermann
Leguminosae africanae Notizbl. Bot. Gart.
Berlin 8: 145-156 Apr.1922 no.72

Harms, Hermann
Über einige Carica-arten aus Südamerika, mit besonderer berücksichtigung der peruanischen arten
Notizbl. Bot. Gart. Berlin 8: 91-100 Apr.1922
no.72

Kränzlin, Friedrich
Orchidaceae Kalbreyerianae II Notizbl.
Bot. Gart. Berlin 8: 127-137 Apr.1922 no.72

Krause, Kurt
Rubiaceae peruvianae novae Notizbl. Bot.
Gart. Berlin 8: 101-103 Apr.1922 no.72

Lindau, Gustav
Neue gattungen der acanthaceen Notizbl.
Bot. Gart. Berlin 8: 142-144 Apr.1922 no.72
Syringidium atropurpureum, Kalbreyeriella rostellata, Habracanthus macrolobus.

Mattfeld, Joh.
Compositae novae africanae Notizbl. Bot.
Gart. Berlin 8: 176-181 Apr.1922 no.72

Mattfeld, Joh.
Zwei neue orobanchen aus Peru Notizbl.
Bot. Gart. Berlin 8: 182-186 Apr.1922 no.72

Mildbraed, Johannes
Neue Homalium-arten aus Westafrika Notizbl.
Bot. Gart. Berlin 8: 172-175 Apr.1922 no.72

Pilger, Robert
Die arten der Plantago major-gruppe in ostasien
Notizbl. Bot. Gart. Berlin 8: 104-116 Apr.1922
no.72

Schlechter, Rudolph
Orchidaceae novae, in caldariis Horti Dahlemensis cultae III. Notizbl. Bot. Gart. Berlin
8: 117-126 Apr.1922 no.72

Notizbl. Bot. Gart. Berlin.

Ulbrich, Eberhard

Species et sectiones africanae novae generis Hibiscus L. Notizbl. Bot. Gart. Berlin 8: 157-171 Apr.1922 no.72

Pharm. Journ.

Small, James & Adams, F.M.J.

Yohimbe bark: its history and identification in commerce (concl.) Pharm. Journ. IV, 54: 311-314 illus. Ap.15,1922 no.3052

Pharm. Weekbl.

Wester, D.H.

Over het mangaangehalte van Nederlandsche zaden Pharm. Weekbl. 58: 1611-1620 D.17,1921

Potato Mag.

Olsen, G.A.

Agricultural gypsum as a preventive of potato scab Potato Mag. v.4, no.7, p.5-6 illus. F.1922

Queensl. Nat.

Geissmann, Hilda

Orchids of a subtropical highland Queensl. Nat. 3: 53-57 illus. F.1922 no.3

Rev. Agr. Com. y Trab. Cuba

Calvino, Mario

Un nuevo arból frutal y de ornato para Cuba Rev. Agr. Com. y Trab. 5: 9-11 illus. Ap.1922

Pileus heptaphyllus (arbol de bonete)

Rev. Gén. Bot.

Allorge, Pierre

Les associations végétales du vexin français Rev. Gen. Bot. 34: 178-191 illus. Mar.1922 no.399

Carpentier, A.

Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-1919 Rev. Gen. Bot. 34: 166-170 Mar.1922 no.399

Colin, Henri

L'inuline dans les plantes greffées; la greffe soleil annuel-topinambour Rev. Gén. Bot. 34: 145-155 Mar.1922 no.399

Denis, Marcel

Les euphorbiees des Iles australes d'Afrique Rev. Gen. Bot. 34: 171-177 Mar.1922 no.399

Sprecher, Andreas

Contribution a l'étude des poils de la fleur et du fruit d'Eriodendron anfractuosum DC. (Fin) Rev. Gen. Bot. 34: 156-165 illus., pl. Mar.1922 no.399

Rhodora

Linder, D.H.

Some varieties of Panicum virgatum Rhodora 24: 11-16 illus. Ja.1922 [My.] no.277

Long, Bayard

Muscari comosum a new introduction found in Philadelphia Rhodora 24: 16-20 Ja.1922[My.] no.277

Setchell, W.A.

Cape Cod in its relation to the marine flora of New England Rhodora 24: 1-11 pl.134 Ja. 1922 [My.] no.277

Bibliography: p.10-11

Schweiz. Apoth. Zeit.

Rosenthaler, Leopold

Beiträge zur blausäure-frage 11. Das blausäureglykosid von Dimorphotheca ecklonis DC. Schweiz. Apoth. Zeit. 60: 234-226 My.4.1922 no.18

Science

Jeffrey, E.C., A.E.Longley & C.W.T.Penland
Polyploidy, polyspory and hybridism in the angiosperms Science 55: 517-518 My.12,1922 no.1428

Trelease, S.F. & B.E.Livinston
Continuous renewal of nutrient solution for plants in water-culture Science 55: 483-486 illus. My.5,1922 no.1427

Sitzungsb. Akad. Wissensch. Wien Math.-Naturw. Kl. Abt.I.

Fürth, Paula
Zur biologie und mikrochemie einiger Pirola-arten Sitzungsb. Math.-Naturw. Kl. Akad. Wiss. Wien Abt.I, 129: 559-587 illus., pl. 1920
Literaturverzeichnis: p.586

Jung, Josef
Ueber den nachweis und die verbreitung des chlors im pflanzenreiche Sitzungsb. Math.-Naturw. Kl. Akad. Wiss. Wien abt.I, 129: 297-340 pl. 1920 no.7/8

Klein, Gustav
Studien über das anchochlor (I. mitteilung) Sitzungsb. Math.-Naturw. Kl. Akad. Wiss. Wien abt. I, 129: 341-395 pl. 1920 no.7/8

So. Afr. Journ. Sci.

Bews, J.W.
Some aspects of botany in South Africa and plant ecology in Natal South Afr. Journ. Sci. 18: 63-80 D.1921 no.1/2

Gale, G.W.
A preliminary account of some investigations on leaf-aeration in certain Natal plants South Afr. Journ. Sci. 18: 153-155 D.1921 no.1/2

Trans. Utah Acad. Sci.

Anderson, Mark
Detection of overgrazing by means of indicator plants Trans. Utah Acad. Sci. 2: 56-58 1921

Garrett, A.O.
Forest tree diseases Trans. Utah Acad. Sci. 2: 182-189 1921

Harris, F.S. & NI.Butt
Alkali water for irrigation Trans. Utah Acad. Sci. 2: 87-94 1921

Matthews, A.L.
Some uncommon plant pests Trans. Utah Acad. Sci. 2: 41-44 1921
Blackleg of potato (Bacillus phytophthorus)

Merrill, M.C.
Distilled water as a medium for growing plants Trans. Utah Acad. Sci. 2: 75-83 1921
Results seem to show that pure distilled water is not toxic

Pittman, D.W.
The relation of the method of analyzing alkali soils to the limits of toxicity Trans. Utah Acad. Sci. 2: 95-99 1921

Univ. Calif. Pub. Bot.

Setchell, W.A., T.H.Goodspeed & R.E.Clausen
Inheritance in N cotiana tabacum I. A report on the results of crossing certain varieties. Univ. Calif. Publ. Bot. 5: 457-521 pl.55-85 Ap.1922 no.17
Literature cited: p.520-521.

Exper. Stat. Publ.

Valleau, W.D. & E.J.Kinney
Strains of standup white Burley tobacco resistant to root-rot Kentucky Agr. Exp. Stat. Circ. no.28 16 p. illus. Ja.1922

Franklin, H.J.
8th report of Cranberry substation Mass. Agr.Exp. Stat. Bull. 206: 147-168 D.1921
Fungous diseases: p.151-157

New Books

American beet sugar company
Report of experimental work and field observations in investigating factors affecting the sugar contents and purity of sugar beets. Season, 1921.
Mimeographed.
A.W.Skuderna & C.E.Michel joint authors

Bannerman, D.A.
The Canary Islands London, Gurney & Jackson, 1922

Camus, A.
Les fleurs de marais... lacs & étangs (plantes palustres et aquatiques) Paris, P. Lechevalier, 1921 (Encyclopédie pratique du naturaliste V)

Gardner, V.R., Bradford, F.C. & Hooker, H.D.
Fundamentals of fruit production N.Y., McGraw-Hill Book Co., 1922.

Goldschmidt, R.
Einführung in die vererbungs-wissenschaft... Leipzig, W. Engelmann, 1920.

Hansen, Adolph
Die pflanzendecke der erde Leipzig, 1922.

Lloyd, J.U.
Vegetable drugs Cincinnati, The Caxton, 1921 (Origin and history of all the pharmacopeial vegetable drugs v.1)

Maublanc, A.
Les champignons comestibles et vénéneux Paris, P. Lechevalier, 1921 (Encyclopédie pratique du naturaliste VIII)

Sartory, Auguste
Champignons parasites de l'homme et des animaux Paris, 1921 fasc.4-5.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 84.
Indexed - May 22 - June 3, 1922.

LIBRARY
★ JUN 9 2 ★

Acta Soc. Fauna et Flora Fennica

Linkola, K.

Studien über den einfluss der kultur auf die flora in dergegenden nördlich von Ladograsee II. Acta Soc. Fauna & Flora Fenn. v.45, no.1, 491 p. 1921.

Agr. Gaz. N.S.W.

Hamblin, C.O.

Control of "collar rot" of citrus trees Agr. Gaz. N.S.W. 33: 294-296 illus. Ap.1922 no.4

Treatment with bluestone paint & paste.

Agr. Journ. India

Kulkarni, G.S.

Conditions influencing the distribution of grain smut (Sphacelotheca sorghi) of jowar (sorghum) in India Agr. Journ. India 17: 159-162 Mr.1922 no.2

Shaw, F.J.F.

A diseased condition of rice Agr. Journ. India 17: 152-154 Mr.1922 no.2

Venkatraman, T.S.

Germination and preservation of sugarcane pollen Agr. Journ. India 17: 127-132 pl.x Mr.1922 no.2

Amer. Bot.

Ballen, Virginia

The classic yarrow Amer. Bot. 28: 52-55 May 1922 no.2

Birch, J.J.

Important movements of plants Amer. Bot. 28: 55-58 My 1922 no.2

Clute, W.N.

Plant names and their meanings - XI Leguminosae - III. Amer. Bot. 28: 70-77 May 1922 no.2

A new form of key Amer. Bot. 28: 58 May 1922 no.2

Old garden flowers III The Daturas Amer. Bot. 28: 49-52 pl. May 1922 no.2

Amer. Rose Ann.

Massey, L.M.

Black spot and mildew of roses Amer. Rose Ann. 1922 p.77-88

Dr. Walter Van Fleet, American rosarian and plant hybridiser Amer. Rose Ann. 1922 p.13-27 port.

Amer. Nut Journ.

Rand, F.V.

Status of pecan rosette Amer. Nut Journ. 16: 56-57 My.1922 no.5

Ann. Inst. Pasteur

Bertrand, Gabriel & M. Rosenblatt

Sur la répartition du manganèse dans l'organisme des plantes supérieures Ann. Inst. Pasteur 36: 230-232 Mr.1922 no.3

Ann. Mycol.

Ciferri, R.

Notae mycologicae et phytopathologicae Ann. Mycol. 20: 34-53 illus., pl. 1922 no.1/2

Lavori citati; p.51-52

Dietel, Paul

Kleine beiträge zur systematik der Uredineen Ann. Mycol. 20: 29-33 1922 no.1/2

Ann. Mycol.

Ito, Seiya
A preliminary report on the Japanese species of Uromyces Ann. Mycol. 20: 81-85 1922 no.1/2

Klika, Jaromir
Einige bemerkungen über die biologie des mehltaus Ann. Mycol. 20: 74-80 1922 no.1/2

Petrak, Franz
Beiträge zur pilzflora von Albanien und Bosnien Ann. Mycol. 20: 1-28 1922 no.1/2

Sydow, Hans
Bemerkungen zu einer anzahl in letzter zeit als neu beschriebener pilze der Philippenen-Inseln. Ann. Mycol. 20: 66-73 1922 no.1/2

Sydow, Hans
Über einige weitere im südlichen China (Kwangtung-Provinz) gesammelte pilze Ann. Mycol. 20: 61-65 1922 no.1/2

Sydow, Hans
Uber einige wenig bekannte Uredineen aus dem Kew Herbar. Ann. Mycol. 20: 54-60 1922 no.1/2
Species of Uromyces & Puccinia

Ann. Bot.

Arber, Agnes
Studies on intrafascicular cambium in monocotyledons V Ann. Bot. 36: 251-256 illus. Ap.1922 no.142
List of memoirs cited: p.255-256

Bews, J.W.
The south-east African flora: its origin, migrations and evolutionary tendencies Ann. Bot. 36: 209-223 Ap.1922 no.142
-References: p.223

Brown, William
On the germination and growth of fungi at various temperatures and in various concentrations of oxygen and of carbon dioxide Ann. Bot. 36:257-283 Ap.1922 no.42
Literature cited: p.282-283

Ikeno, S
On hybridization of some species of Salix II Ann. Bot. 36: 175-191 Ap.1922 no.142

Priestley, J.H.
Growth studies I Ann. Bot. 36: 225-237, 239-249 no.142 Ap.1922
References: p.236-237, 248-249.
A.F.C.G.Evershed joint author no.I; W.H.Pearsall joint author no.II.
I. A quantitative study of the growth of roots; II. An interpretation of some growth-curves.

Redfern, G.M.
On the absorption of ions by the roots of living plants I Ann. Bot. 36: 167-174 Ap.1922 no.142
1. The absorption of the ions of calcium chloride by pea and maize.
Literature cited: p.173-174.

Ridler, W.F.F.
The fungus present in Pellia epiphylla (L.) Corda Ann. Bot. 36: 193-207 illus. Ap.1922 no.142
References: p.206-207
A species of Phoma.

Saunders, E.R.
The leaf-skin theory of the stem: a consideration of certain anatomico-physiological relations in the spermophyte shoot Ann. Bot. 36: 135-165 illus. Ap.1922 no.142

Bidr. Känned. Finl. Natur. o. Folk.

Thesleff, Artur, 1871-1920.
Studier öfver basidsvampsfloran i sydöstra Finland Bidr. Känned. Finl. Natur o. Folk v.79, no.1 140 p. 1920

Biederm. Zentralbl. Agrikulturchem.

Nicoloff, Th. & M. Stefanova
Die kohlernie in ihren beziehungen zur wirtspflanze Biedermann's Zentralbl. 51: 101-102 Ap.1922 no.4
Mitt. aus Landw. Versuchsst. Sofia
German abstract by Richter.

Biochem. Zeitschr.

Jacoby, Martin
Ueber den formaldehyd als übergangsstufe zwischen der eigentlichen assimilation und der kohlenhydratbildung in der pflanze II. Biochem. Zeitschr. 128: 119-121 1922 no.1/3

Stoklasa, Julius
Ueber die resorption des aluminium-ions durch das wurzelsystem der pflanzen Biochem. Zeitschr. 128: 35-47 1922 no.1/3

Bot. Gaz.

Hall, E.H.
Sulphur and nitrogen content of alfalfa grown under various conditions Bot. Gaz. 73: 401-411 My.1922 no.5
Literature cited: p.410-411

Jones, L.H. & J.W.Shive
Influence of wheat seedlings upon the hydrogen-ion concentration of nutrient solutions Bot. Gaz. 73: 391-400 My.1922 no.5
Literature cited: p.399-400

Randolph, L.F.
Cytology of chlorophyll types of maize Bot. Gaz. 73: 337-375 pl.xiii-xvi May 1922 no.5
Literature cited: p.370-373

Robbins, W.J.
Cultivation of excised root tips and stem tips under sterile conditions Bot. Gaz. 73: 376-390 illus. My.1922 no.5
Literature cited: p.389-390

Brooklyn Bot. Gard. Leafl.

Benedict, R.C.
Evolution as illustrated by ferns Brooklyn Bot. Gard. Leafl. s.10, no.3 8 p. My.1922

Bryologist

Burnham, S.H.
Lichens of the Lake George region Bryologist 25: 34-37 March 1922 no.2

Evans, A.W.
Notes on North American Hepaticae IX Bryologist 25: 25-33 pl. March 1922 no.2

Bull. Agr. Alg.-Tun.-Maroc

Trabut, Louis
La gale noire de pomme de terre ou maladie verrugueuse Bull. Agr. Algérie-Tun.-Maroc. II, 28: 58-61 F.1922 no.2

Bull. Bur. Bio-Techn. Murphy & Son.

Parker, Theodore, A.R.Long, & J.S.Mitchell
A note on soil sterilisation for tomatoes Bull. Bur. Bio-Techn. Murphy & Son 5: 134-142 pl.7 Mr.1922

Bull. Inst. Pasteur

Magrou, J.
La symbiose chez les plantes Bull. Inst. Pasteur 20:169-183 illus. Mr.1922 no.5

Bull. Misc. Inform. Kew

Bean, W.J.
Garden notes on new or rare trees and shrubs XX.
Bull. Misc. Inform. Kew 1922: 109-114 Ap.1922 no.3

Gamble, J.S.
John Firminger Duthie Bull. Misc. Inform. Kew
1922 p.125-128 Ap.1922 no.3
List of works: p.127-128

Hutchinson, John
The genus Heywoodia Bull. Misc. Inform. Kew
1922: p.114-115 pl. Ap.1922 no.3
H. lucens

Kew Royal gardens
Decades kewenses plantarum novarum in herbario
Horto regii conservatarum CV. Bull. Misc. Inform.
Kew 1922: 117-122 Ap.1922 no.3

Ridley, H.N.
Rigiolepis and other Vacciniaceae of Borneo
Bull. Misc. Inform. Kew 1922: 106-108 Ap.1922
no.3

Sprague, T.A.
Arevision of Amoreuxia Bull. Misc. Inform.
Kew 1922: 97-105 pl. Ap.1922 no.3
A. gonzalezii, A. colombiana n.sp.

Turrill, W.B.
Notes on Cyperaceae I Bull. Misc. Inform.
Kew 1922: 122-124 Ap.1922 no.3
Pycreus pumilus & P. hyalinus

Bull. Soc. Bot. Genève

Beauverd, Gustave
Notice sur l'herbier du Docteur Louis Bouvier
Bull. Soc. Bot. Genève II, 13: 271-274 1921

Beauverd, Gustave
Phanerogamarum novitates Bull. Soc. Bot.
Genève II, 13: 236-271 1921
I. Plantes nouvelles de Tunisie et d'Algérie; II. Trois nouveautés des Indes orientales; III. A propos d'une nouvelle espèce européenne du genre Eleocharis (E. benedicta); IV. Un Eleocharis méconnu des Etats-Unis d'Amérique (E. suksdorfiana); V. Plantes nouvelles de l'Uruguay.

Lepeschkin, Wladimir
Recherches sur les organes du bord des jeunes feuilles (Contribution au problème des organes inutiles des plantes) Bull. Soc. Bot. Genève II,
13: 226-235 1921.

Lepeschkin, Wladmir
Etude sur les réactions chimiques pendant le gonflement de l'amidon dans l'eau chaude (Contribution au problème des coefficients de température extrément grands) Bull. Soc. Bot. Genève II,
13: 40-65 1921

Rouge, E.
Sur les flavones et leur role dans la cellule végétale Bull. Soc. Bot. Genève II, 13: 18-19
1921
Abstract

Bull. Soc. Bot. Ital.

Pampanini, Renato & Zanon, Vito
Nuovi contributi alla conoscenza della flora della
Cirenaica II Bull. Soc. Bot. Ital. 1922 p.6-7
no.1

Peyronel, Beniamino
Nuovi casi di rapporti micorizici tra basidiomiceti e fanerogame arboree Bull. Soc. Bot. Ital.
1922 p.7-14 no.1

Bull. Soc. Bot. Ital.

Savelli, Roberto
Petalizzazioni endocarpiche. Bull. Soc. Bot. Ital. 1922 p.17-20 illus. no.1

Bull. Torr. Club

Hazen, T.E.
The phylogeny of the genus Brachiomonas Bull. Torr. Club 49: 75-92 illus., 2 pl. Apr. 1922 [My.] no.4
Literature cited: p.90

Stevens, O.A.
New records and other notes on North Dakota plants Bull. Torr. Club 49: 93-105 Apr. 1922 [My.] no.4

Yuncker, T.G.
Three new species of Cuscuta from Mexico Bull. Torr. Club 49: 107-109 illus. Apr. 1922 [My.] no.4
C. dentatasquamata, C. cozumeliensis, C. durangana.

Canad. Field Field.

Pemberton, C.C.
Some notes of the growth of Arbutus nenziesii Pursh Canad. Field Nat. 36:21-26 illus. F.1922 no.2

Calif. Citrogr.

Coit, J.E. & V.F.Blanchard
The shell-bark disease of lemon trees Calif. Citrogr. 7: 259-292 illus. Je.1922 no.8
Active infection entirely distinct from brown rot and Botrytis gum diseases

Centralbl. Bakt. Abt. II

Dorner, Alfred
Ueber das verhalten der zellwand zu kongorot, inbesondere bei farnprothallien Centralbl. Bakt. abt. 2, 56: 14-27 Ap.1922 no.1/4

Dorner, Alfred
Ueber die aufnahme von anilinfarbstoffen in das protoplasma und die zellwand [sammelreferat] Centralbl. Bakt. abt. 2, 56: 27-31 Ap.1922 no.1/4

Il Coltiv.

Manaresi, Angelo
Un raro caso di aborto traumatico nelle sighe dei cereali Il Colt. 68: 365-368 illus. Ap.30,1922 no.12

Compt. Rend. Acad. Sci. Paris

Bugnon, Pierre
Sur la ramification dichotome dans les cotylédons Compt. Rend. Acad. Sci. Paris 174: 1194-1196 illus. My.1922 no.18

Maquenne, Léon & R. Cerighelli
Influence de la cheux sur le rendement des graines pendant la période germinative Compt. Rend. Acad. Sci. Paris 174: 1269-1272 My.1922 no.20

Souèges, M.R.
Embryogénie des Rosacées. Les derniers stades du développement de l'embryon chez le Geum urbanum L. Compt. Rend. Acad. Sci. Paris 174: 1197-1199 May 1, 1922 no.18

Stoklasa, Julius
Influence du sélénium sur l'évolution végétale, en présence ou en l'absence de radioactivité Compt. Rend. Acad. Sci. Paris 174: 1256-1258 My.1922 no.19

Compt. Rend. Soc. Hist. Nat. Genève
Chodat, Robert & F. Wyss
Nouvelles recherches sur la tyrosinase Compt. Rend. Soc. Phys. Hist. Nat. Genève 39:22-26 1921 no.1

Contr. U.S. Nat. Herb.
Hitchcock, A.S.
Grasses of British Guiana Contr. U.S.Herb. v.22, no.6, p.439-515 illus. My.24,1922

Deut. Obst. Zeit.
Rebholz,
Die pflege der ernährungsorgane unserer obstgehölze Deut. Obstbauz. 68: 121-123 Ap.1922 no.13

Ecology
Allen, W.E.
Observations on surface distribution of marine diatoms between San Diego and Seattle Ecology 3: 140-145 pl. Apr.1922 [My.] no.2

Gleason, H.A.
On the relation between species and Area Ecology 3:158-162 Apr.1922 [My.] no.2

Harvey, R.B.
Varietal differences in the resistance of cabbage and lettuce to low temperatures Ecology 3: 134-139 illus. Apr.1922 [My.] no.2
Literature cited: p.139

Kincer, J.B.
The relation of climate to the geographic distribution of crops in the United States Ecology 3: 127-133 Apr.1922 [My.] no.2

Flow. Grow.
Brown, C.W.
Gladiolus nomenclature Flower Grow. 9:160-161 Je.1922 no.6

Fühl. Landw. Zeit.
Heuser, W.
Versuche über den einfluss äusserer bedingungen auf die stärke des steinbrandbefalles des weizens Fühl. Landw. Zeit. 71: 81-99 Mr.1/15, 1922 no.5/6
Literaturübersicht: p.99

Gard. Mag.
MacDougal, D.T.
Sugars - plants of the desert - spines Gard. Mag. 35:249-251 illus. Je.1922 no.4

Manchester, H.H.
A pictorial history of the garden IV In ancient Greece and Rome Gard. Mag. 35: 257-259 illus. Je.1922 no.4

Gard. Chron.
Brown, N.E.
Mesembryanthemum and some new genera separated from it Gard. Chron. III, 71: 231, 261-2 illus. My. 6, 20, 1922 no.1845, 47.
Conophytum (cont.)

Grove, A.
Lilies in 1921 Gard. Chron. III, 71: 228-229 My.6,1922 no.1845

International commercial horticultural conference Gard. Chron. III, 71:230 My.6,1922 no.1845

Richardson, A.D.
The Arniston larches Gard. Chron. III, 71: 258-259 illus. My.20, 1922 no.1847

Gard. Chron.

Ward, F.K.

Mr. Kingdon Ward's sixth expedition into Asie no.14. More treasures from the valley of beautiful flowers Gard. Chron. III, 71: 229-230 My. 6, 1922 no.1845.

___ ___ no.15. Mu-li Gard. Chron. III, 71: 260 My.20,1922 no.1847

Westerdijk, Johanna

Passports for plants Gard. Chron. III,71: 224, 246 My.6, 13, 1922 no.1845-6

Address before Conference of "Federation horticole professionnelle internationale" at the Hague, Ap.1922

Gard. Chron. Amer.

Meyer, F.B.

Rhododendrons and azaleas in the garden Gard. Chron. Amer. 26: 146-149 illus. My.1922 no.5

Hereditas

Dahlgren, K.V.O.

Vererbung der heterostylie bei Fagopyrum (Nebst einigen notizen über Pulmonaria) Hereditas 3: 91-99 1922

Zitierte literatur: p.98-99

Lindhard, E.

Zur genetik des weizens. Eine untersuchungen über die nachkommenschaft eines im kolbenweizen aufgetrentenen speltoidmutanten Hereditas 3: 1-90 illus. 1922

Zitierte literatur: p.89-90

Turesson, Göte

The species and the variety as ecological units Hereditas 3: 100-113 illus. 1922

Literature cited: p.112-113

Indian For.

Champion, H.G.

Note on the death of chir (Pinus longifolia) poles in the Almora plantations of Kumaon Indian For. 48: 168-174 pl.9 Ap.1922 no.4

Journ. Arnold Arb.

Rehder, Alfred

New species, varieties and combinations from the herbarium and the collections of the Arnold Arboretum (cont.) Journ. Arnold Arb. 3: 11-51 Jl. 1921 [My.1922] no.1

Sargent, C.S.

Notes on North American trees. IX Journ. Arnold Arb. 3: 1-11 Jl.1921 [My.1922] no.1

New species of Crataegus

Wilson, E.H.

Notes from Australasia III. The Hobart botanical gardens Journ. Arnold Arb. 3: 51-55 Jl.1921 [My.1922] no.1

Journ. Hered.

Meade, R.M.

Positions and movements of cotton leaves. How leaves adjust their position to varying conditions of illumination and of soil moisture Journ. Hered. 12: 444-448 illus. D.1921 [My.1922] no.10

Meister, G.K.

Natural hybridization of wheat and rye in Russia Journ. Hered. 12: 467-470 D.1921 [My.1922] no.10

Trans. from original ms. in Russian by N.I.Vavilov.

Ness, H.

Breeding work with blackberries and raspberries. Journ. Hered. 12: 449-455 illus. no.10

Journ. Hered.

Popenoe, Wilson

The frutilla, or Chilean strawberry Journ. Hered. 12: 456-466 illus. D.1921 [My.1922] no.10

Fragaria chiloensis

Vinall, H.N. & A.B.Cron

Improvement of sorghums by hybridization Journ. Hered. 12: 435-443 illus. D.1921 [My.1922] no.10

Journ. N.Y. Bot. Gard.

Small, J.K.

The Bucaneer-palm. History and distribution of Pseudophoenix Journ. N.Y. Bot. Gard. 23: 33-43 2 pl. Mr.1922 [My.] no.267

Biographical notes by J.H.Barnhart.

Journ. Soc. Chem. Industr.

Joseph, A.F. & B.W.Whitfeild.

Sudan essential oils Journ. Soc. Chem. Indust. 41: 144-145 My.15,1922 no.9

Naal oil (Andropogon schoenanthus var. nervatus now Cymbopogon nervatus Chiov.)

Meded. Inst. Plantenz. Dep. Landb. &c Nederl. Ind.

Palm, B.T.

Aanteekingen over slijmziekte in Arachis hypogaea (ratjang tanah) Meded. Inst. Plantenz. Dept. Landb. Nederl. Ind. no.52 41 p. 2 pl. 1922

English summary: p.39-41

Nachrichtenbl. Deut. Pflanzenschutzd.

Richter,

Der einfluss von Rhizoctonia solani auf den keimungsverlauf der kartoffeln Nachrichtenbl.Deut. Pflanzenschutzd. 2: 19-20 Mr.1,1919

Notes R. Bot. Gard.Edinb.

Bonati, Gustave

New species of the genera Phtheirospermum and Pedicularis Notes Roy. Bot. Gard. Edinb. 13: 103-148 N.1921 (Rec'd My.1922)

Edinburgh. Royal botanic garden.

Diagnoses specierum novarum in herbario Horti regii botanici Edinburgensis cognitarum DI-DL Notes Roy. Bot. Gard. Edinb. 13: 149-187 N.1921 (Rec'd My.1922)

S. asiaticae

Smith, W.W.

A new Chelonistele from Mt. Kinabalu, Borneo Notes Roy. Bot. Gard. Edinb. 13: 188 N.1921 (Rec'd My.1922)

Smith, W.W.

New orchids from Yunnan and northern Burma Notes Roy. Bot. Gard. Edinb. 13: 189-222 N.1921 (Rec'd My.1922)

Pharm. Weekbl.

Wisselingh, C. van

Bijdragen tot de kennis van de zaadhuid 14. Over de zaadhuid van Evonymus latifolius Mill., Aesculus hippocastanum L. en Geranium silvaticum L. Pharm. Weekbl. 59: 511-521 pl. My.20,1922 no.20

Philipp. Agr.

Baker, C.R.

Additions to Philippine and Malayan technical bibliography Philipp. Agr. 10: 363-366 Mr.1922 no.8

Mycological contributions: p.365-366

Welles, C.G. & E.F.Roldan

Solanceous wilt in the Philippine Islands Philipp. Agr. 10: 393-398 pl.i-iii Mr.1922 no.8

Literature cited: p.398

Philipp. Agr. Rev.
Wester, P.J.
The food plants of the Philippines Philipp. Agr. Rev. 14: 205-384 xxxv pl. (incl. fold. map) 1921[1922] no.3

Plant. Chron.
Ashplant, H.
Extract from report of rubber mycologist Plant. Chron. 17: 263-266 Ap.19,1922 no.17
Secondary leaf fall: disease of Hevea; Is there such a think as a "disease-resistant" strain of Hevea?

Proc. Amer. Soc. Hort. sci.
Auchter, E.C.
Apple pollen and pollination studies in Maryland Proc. Amer. Soc. Hort. Sci. 18 (1921): 51-80 [1922]
Bibliography: p.75-80

Cardinell, H.A.
One season's dusting against cucumber beetles and anthracnose of watermelons in Missouri Proc. Amer. Soc. Hort. Sci. 18 (1921): 123-130 [1922]

Connors, C.H.
Inheritance of foliar glands of the peach Proc. Amer. Soc. Hort. Sci. 18 (1921): 21-26 [1922]
Bibliography: p.26.

Crandall, C.S.
Results from self-pollination of apple flowers Proc. Amer. Soc. Hort. Sci. 18 (1921): 95-100 [1922]

Dorsey, M.J.
Hardiness from the horticultural point of view Proc. Amer. Soc. Hort. Sci. 18 (1921): 173-178 [1922]

Dorsey, M.J.
The set of fruit in apple crosses Proc. Amer. Soc. Hort. Sci. 18 (1921): 82-94 [1922]
Bibliography: p.94

Rosa, J.T.
Relationship of water retaining capacity to hardiness Proc. Amer. Soc. Hort. Sci. 18 (1921): 166-169 [1922]

Proc. Boston Soc. Nat. Hist.
Hoffmann, Ralph
Flora of Berkshire County, Massachusetts Proc. Boston Soc. Nat. Hist. 36: 171-282 Mr.1922

Rev. Agr. Puerto Rico
Matz, Julius
Observaciones sobre la gomosis de la caña en Puerto Rico Rev. Agr. Puerto Rico 8: 5-13 illus. Ap.1922 no.4

Science
Jeffrey, E.C.
The cytology of vegetable crystals Science 55: 566-567 My.26,1922 no.1430

Wherry, E.T.
Recent work on soil acidity and plant distribution Science 55: 568-570 My.26,1922 no.1430
Bibliographical foot notes

Sweet Potato Bull.
Harter, L.L.
Field and storage diseases of the sweet potato and their control Sweet Potato Bull. v.2, no.7, p.10-12 My.1922

So. African Gard.
Native plants at the National botanic gardens 11-12 So. Afr. Gard. 12: 157 illus. My.1922 no.5
Protea pityphylla, P. mellifera

U.S. Dept. Agr. Bull.

Koehler, Arthur
The identification of true mahogany, certain so-called mahoganies and some common substitutes
U.S. Dept. Agr. Bull. 1050 18 p. plates My.1922

Melchers, L.E. & Parker, J.H.
Rust resistance in winter-wheat varieties U.S. Dept. Agr. Bull. 1046 32 p. xipl. My.1922
Literature cited: p.30-32

Snell, W.H.
Studies of certain fungi of economic importance in the decay of building timbers, with special reference to the factors which favor their development and dissemination U.S.Dept. Agr. Bull. 1053 47 p. vii pl. My.1922
Literature cited: p.43-47

Trost, J.F.
Relation of the character of the endosperm to the susceptibility of dent corn to root rotting
U.S.Dept. Agr. Bull. 1062 7 p. ii pl. Ap.22, 1922 [My.]

U.S.Dept. Agr. Farm. Bull.

Piper, CV.
Important cultivated grasses U.S.Dept. Agr. Farm. Bull. 1254 38 p. illus. F.1922 [June]

U.S.Dept. Agr. Circ.

Link, G.K.K. & Meier, F.C.
Late-blight tuber rot of the potato U.S.Dept. Agr. Circ. 220 5 p. ii pl. My.1922

Snapp, O.I., Turner,W.F. & Roberts, J.W.
Controlling the curculio, brown-rot and scab in the peach belt of Georgia U.S.Dept. Agr. Dept. Circ. 216 30 p. illus. My.1922

Univ. Calif. Pub. Bot.

Setchell, W.A. & Gardner, N.L.
Phycological contributions II to VI. Univ. Calif. Publ. Bot. v.7, no.11, p.333-426 pl.32-49 My.16, 1922
New species of Myrionema, Compsonema, Hecatonema, Pylaiella & Streblonema, Ectocarpus.

Vict. Nat.

Tovey, J.R. & P.F.Morris
Notes from the national herbarium of Victoria, including a description of a new species of Brachycome
Victorian Nat. 38: 135-137 pl.iv Ap.1922 no.12
B. tadgellii

Vierteljahrsschr. Naturf. Ges. Zürich

Rikli, Martin
Die arktisch-subarktischen arten der gattung Phyllodoce Salisb. Vierteljahrsschr. Naturf. Ges. Zürich 66: 324-334 illus. D.1921 no.3/4

Rikli, Martin
Zur pflanzengeographie der carices der polarregion Vierteljahrsschr. Naturf. Ges. Zürich 66: 87-92 Jl.1921 no.1/2

Schinz, Hans
Beiträge zur kenntnis der afrikanischen flora XXX Vierteljahrsschr. Naturf. Ges. Zürich 66: 221-256 D.1921 no.3/4

Tschirch, Alexander
Besitzt die pflanze hormone? Vierteljahrsschr. Natuf. Ges. Zürich 66: 201-211 Jl.1921 no.1/2
Abstract in Physiol. Abstr. 7: 68 Ap.1922

Weekbl. Bloembollencult.

Westerdijk, Johanna
Amerika en de plantenziekten Weekbl. v. Bloembollencult. 32: 393-395, 400 My.9,12,1922

Wiener Landw. Zeit.

Winkler,
Die gas- und rauchschäden in der landwirtschaft
Wiener Landw. Zeit. 72: 151 My.13,1922 no.37/38

Zeitschr. Bot.

Rawitscher, F.
Beiträge zur kenntniss der ustilagineen II
Zeitschr. Bot. 14: 273-296 pl.i-ii 1922 no.4
Zitierte literatur: p.295

Zeitschr. Forst- u. Jagdw.

Liefe, J.
Neue beobachtungen über Cenangium abietis Pers.
Zeitschr. Forst- u. Jagdw. 54: 227-229 illus.
Ap.1922 no.4

Exper. Stat. Publ.

Elliott, J.A.
A new Ascochyta disease of cotton Arkansas
Agr. Exp. Stat. Bull. 178 18 p. illus. Ap.1922
Literature cited: p.18
Ascochyta gossypii

Britten, W.E., M.P.Zappe & E.M.Stoddard
Experiments in dusting versus spraying on apples
and peaches in Connectidut in 1921 Conn. Agr.Exp.
Stat. Bull. 235: 209-226 pl.xvii-xxii F.1922

Anderson, H.W.
Orchard practice for the control of blister canker of apple trees Illinois Agr. Exp. Stat.Circ.
258 16 p. illus. My.1922

Melhus, I.E.
Dry rot of corn Iowa Agr. Exp. Stat. Circ. 78
8 p. illus. Ap.1922

Patch, E.M.
Rose bushes in relation to potato culture
Maine Agr. Exp. Stat. Bull. 303: 321-344 pl.
D.1921
Literature cited: p.344

Johnston, E.S.
The seasonal march of the climatic conditions of
a greenhouse, as related to plant growth Maryland
Agr. Exp. Stat. Bull. 245: 41-98 illus. S.1921
[1922]
Literature cited: p.97-98
Bot. Contr. Johns Hopk. Univ. no.59

Stephens, D.E. & H.M.Woolman
The wheat bunt problem in Oregon Oregon Agr.
Exp. Stat. Bull. 188 42 p. illus. F.1922

Heald, F.D.
Division of plant pathology Ann. Rep. Washington Agr. Exp. Stat. 31(1920/21): 38-43 Ja.1922
(Its Bull. 167)

New Books

Chandler, Katherine
As California wild flowers grow San Francisco, H. Wagner publ. co., 1922

New York botanical garden
North American flora v.23, pt.1 Ap.1922
Phyllostictales, Phyllostictaceae (pars) by
F.J.Seaver

Weaver, J.E., JEAN, F.C. & Crist, J.W.
Development and activities of roots of crop
plants. A study in crop ecology Carnegie Inst.
Publ. 316 117 p. 14 pl. My.1922

New Books

Welsh plant breeding station.
Preliminary investigations with herbage plants [Publ.] ser. H, no.11 97 p. fold.tab. 1922
Literature cited: p.94-97
Incidence of fungus diseases: general review, by K. Sampson: p.15-16

Wildeman, E. de
Plantae bequaertiannae Etudes sur les récoltes botaniques du Dr. J. Bequaert chargé de missions au Congo Belge (1913-15) fasc.1 1921

Reprints from Journals not yet rec'd or not available.

Nagai, Isaburo
A genetico-physiological study on the fermentation of anthoycanin and brown pigments in plants Reprinted from Journ. Coll. Agr. Imp. Univ. Tokyo v.8 92 p. col.pl. 1921

Waterhouse, W.L.
On the production in Australia of the aecidial stage of Puccinia graminis Reprinted from Journ. Roy. Soc. N.S.W., v.55, 10 p. pl. Mr.9,1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 85.
Indexed - June 5-17, 1922.

LIBRARY
RECEIVED
★ JUN 23 '22
U.S.

Amer. For.

Illick, J.S.

The birches Amer. For. 28: 355-364 illus. Je.1922 no.342

Shufeldt, R.W.

From wild to garden flowers Amer. For. 28: 347-353, 364 illus. Je.1922 no.342

Ann. Inst. Pasteur

Bertrand, Gabriel & Mme. Rosenblatt

Recherches sur la présence du manganèse dans le règne végétal Ann. Inst. Pasteur 35: 815-819 D.1921 no.12

Picado, C.

Anticorps expérimentaux chez les végétaux Ann. Inst. Pasteur 35: 893-901 illus. D.1921 no.12

Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr.Devel.Soc.

Bewley, W.S.

Report of the mycologist Ann. Rep. Exp. & Res. Stat. Nursery & Mark. Gard. Industr. Dev. Soc. 7 (1921): 32-41 1922

Leafspot or anthracnose of cucumber, soft rot of the arum, tomato diseases

Ann. Rep. Kenya Dept. Agr.

Dowson, W.J.

Annual report of the mycological laboratory 1919/20 Ann. Rep. Kenya Dept. Agr. 1919/20 p.79-86 1921

Ann. Rep. Smithson. Inst.

Caullery, Maurice

Parasitism and symbiosis in their relation to the problem of evolution Trans. by G.S.Miller, jr. from Rev. Sci. 1919 Ann. Rep. Smithson. Inst. 1920: 399-409 1921

Garner, W.W. & H.A.Allard

Effect of the relative length of day and night on flowering and fruiting of plants Ann. Rep. Smithson. Inst. 1920: 569-588 17 pl. 1921

Maxon, W.R.

The botanical gardens of Jamaica Ann. Rep. Smithson. Inst. 1920: 523-535 20 pl. 1921

Safford, W.E.

Daturas of the old world and new; an account of their narcotic properties and their use in oracular and initiatory ceremonies Ann. Rep. Smithson. Inst. 1920: 537-567 13 pl. 1921

Wherry, E.T.

Soil acidity - its nature, measurement and relation to plant distribution Ann. Rep. Smithson. Inst. 1920: 247-268 2 pl. 1921

Made up from articles from Ecology and other journals with minor changes.

Better Fruit

Schuster, C. E., 1889-

Pollination of filbert varieties Better Fruit v.16, no.12, p.9-11, 22 illus. Je.1922

Swingle, D.B.

Pear and apple blight in Montana Better Fruit v.16, no.12, p.12-13, 18-19 Je.1922

Biol. Zentralbl.

Haberlandt, Gottlieb

Ueber zellteilungshormone und ihre beziehungen eurwundheilung, befruchtung, parthenogenesis und adventivembryonic Biol. Zentralbl. 42: 145-172 illus. Ap.1922 no.4

Literatur: p.171-172.

Biol. Zentralbl.

Schroeder, Henry
Ueber die semipermeabilität von zellwänden
Biol. Zentralbl. 42: 172-188 Ap.1922 no.4

Bol. Agr. São Paulo

Averna-Sacca, Rosario
Molestias das laranjeiras Bol. Agr. São Paulo 22: 239-247 illus. My./Ag.1921 [Rec'd Je.1922] no.5/8

Averna-Sacca, Rosario
O cancro (Nectria ditissima Tul.) da macieira e da pereira Bol. Agr. Sao Paulo 22: 272-288 illus. S./O.1921 [Rec'd Je.1922] no.9/10

Molestias da videira e da laranjeira Bol. Agr. São Paulo 22: 268-272 S./O.1921 [Rec'd Je.1922] no.9/10

Bol. Of. Sanidad Veg. Sec. Agr. Com. y Trab. Cuba

Simonetto, Moises
La enfermedad de las rayas amarillas en la caña (su importacion y extension, año y medio de observaciones en Cuba) Bol. Of. Sanidad Veg. Sec. Agr. Com. y Trab. Cuba 3 63 p. My.1921 [Rec'd Je.1922]

Boll. R. Staz. Patol. Veg. Rome

Peyronel, Beniamino
Come avviene e cone si previene la diffusione delle malattie crittogamiche delle piante (finc) Boll. Mens. Inform. e Nat. R. Staz. Patol. Veg. Rome 3: 3-20 Ja./Mr.1922

Bot. Mag. Tokyo

Hagiwara, Tokio
The inheritance of the tube-character in the morning glory Bot. Mag. Tokyo 36: (63)-(79) illus. Ap.1922 no.424
English resumé: p.46.

Imai, Yoshitaka
Genetic studies in morning glories VI Bot. Mag. Tokyo 36: (45)-(48) Mr.1922 no.423
English resumé: p.40.

Komuro, Hideo
Preliminary note on the cells of Vicia faba modified by Röntgen rays and their resemblance to tumor cells Bot. Mag. Tokyo 36: 41-45 Ap.1922 no.424

Nakai, Takenoshin
Violae novae Japonicae Bot. Mag. Tokyo 36: 29-39 Mr.1922 no.423

Yasuda, A.
Notes on fungi Bot. Mag. Tokyo 36: (51)-(52), (82)-(83) Mr., Ap.1922 no.423-4
Cordyceps tricentri Yasuda = C. aphrophorae n.sp.

Bot. Not.

Gertz, Otto
Laboratorietekniska och mikrokemiska notiser 8 Om strukturen hos stärkelsekorn Bot. Not. 1922 p.113-122 no.3
Citerad litteratur: p.121-122
German resumé: p.120-121.

Samuelsson, Gunnar
Archieracier från Åsele Lappmark Bot. Not. 1922 p.159-173 no.3

Bull. Inst. Pasteur

Magrou, J.

La symbiose chez les plantes(cont.) Bull. Inst. Pasteur 20: 217-231 illus. Mr.30,1922 no.6

Index bibliographique: p.231.

Bull. Soc. Mycol. France

Bataille, Frédéric

Flore analytique et descriptive des Tubéroïdées de l'Europe et de l'Afrique du Nord Bull. Soc. Mycol. France 37: 155-207 Mr.31,1922 no.4

Principaux auteurs et ouvrages cités: 206-207

Brébinaud, P.

Bolets à pores rouges et Russules rouges Bull. Soc. Mycol. France 37: 149-155 Mr.31,1922 no.4

Azoulay, Léon

Détermination instantanée de la couleur des spores Bull. Soc. Mycol. France 37: 146-148 Mr.31,1922 no.4

Peyronel, Beniamno

Nouveaux cas de rapports mycorhiziques entre Phanérogames et Basidiomycètes Bull. Soc. Mycol. France 37:143-146 Mr.31,1922 no.4

Bull. Soc. Vaud. Sci. Nat.

Cruchet, Denis

Les champignons saprophytes du Geranium robertianum Lin. Bull. Soc. Vaud. Sci. Nat. 54: 105-106 S.1921 no.200

Chaetodiplodia robertioni, Gloeosporium robertiani, Stagonospora geranii

Meylan, Charles.

Contribution à la connaissance des Myxomycètes de la Suisse Bull. Soc. Vaud. Sci. Nat. 53: 451-463 illus. Je.1921 no.199

Badhamia viridescens, Comatricha filamentosa, Lamproderma cristatum, Liceopsis jurensis, Protoprichia schröteri n.sp.

Il Coltiv.

Manaresi, Angelo

Un raro caso di aborto traumatico nelle spighe dei cereali (cont.) Il Colt. 68: 429-434 illus. My.1922 no.14

Compt. Rend. Acad. Sci. Paris

Blaringhem, Louis

Sur l'hérédite du sexe chez la lychnide dioïque (Lychnis vespertina Sibthorp) Compt. Rend. Acad. Sci. Paris 174: 1429-1431 1922 no.22

Maquenne, Léon & E. Demoussy

Sur la végétation dans les milieux pauvres en oxygène Compt. Rend. Acad. Sci. Paris 174: 1387-1392 1922 no.22

Compt. Rend. Soc. Biol. Paris

Maige, Albert

Influence de la concentration des solutions organiques sur la formation de l'amidon dans les cellulas végétales Compt. Rend. Soc. Biol. Paris 86: 856-857 Ap.1922 no.15

Picado, C.

Atrophie des fleurs consécutive a l'injection de pollen homologue Compt. Rend. Soc. Biol. Paris 86: 904-906 illus. My.1922

Gard. Chron.

Thatcher, A.E.

Chinese climbers at Aldenham Gard. Chron. III, 71: 270 illus. My.27,1922

From collections of E.H.Wilson.

Gard. Chron.
Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.16
Glacier Lake camp Gard. Chron. III, 71: 290-291
Je.3,1922 no.1849

Gartenw.
Seifert.
Ein neues mittel gegen meltau Gartenw. 26:
175 illus. Ap.28,1922
"Elosal", experiments with Lady Gay & Dorothy
Perkins roses

Hacienda
Kellerman, K.F.
Plantas que absorben nitrógeno del aire
Hacienda 17: 179-180 illus. Je.1922 no.6

Indian For.
Champion, H.G.
Note on the death of chir (Pinus longifolia)
poles in the Almora plantations of Kumaon (cont.)
Indian For. 48: 232-246 My.1922 no.5

Parker, R.N.
New Indian species of forest importance V
Indian For. 48: 247-258 My.1922 no.5

Jahrb. Wiss. Bot.
Fitting, Hans
Über den einfluss des lichtes und der verdunkelung
auf die papaverschäfte Jahrb. Wiss.
Bot. 61: 1-23 illus. Ja.1922 no.1

Flieg, Oskar
Fette und fettsäuren als material für bau- und
betriebsstoffwechsel von Aspergillus niger
Jahrb. Wiss. Bot. 61:24-64 Ja.1922 no.1
Literaturübersicht: p.64.

Harder, Richard
Kiritsche versuche zu Blackmans theorie der
"begrenzenden faktoren" bei der kohlensäureassimilation
Jahrb. Wiss. Bot. 60: 531-571 N.1921
no.4
Literatur: p.570-571.

Kostytschev, Sergei & M. Afanassjewa
Die verarbeitung verschiedener organischer verbindungen
durch schimmelpilze bei sauerstoffmangel
Jahrb. Wiss. Bot. 60: 628-650 Nov.1921 no.4

Oehlkers, Friedrich
Die postfloralen krümmungen des blütenstieles
von Tropaeolum majus und das problem der umstimmung
Jahrb. Wiss. Bot. 61: 65-125 Ja.1922 no.1
Literatur, p.124-125

Sierp, Hermann & K.L.Noack
Studien über die physik der transpiration
Jahrb. Wiss. Bot. 60: 459-498 Nov.1921 no.4
Literatur: p.497-498

Stark, Peter
Weitere untersuchungen über das resultantengesetz
beim haptotropismus Jahrb. Wiss. Bot. 61:
126-167 Ja.1922 no.1
Literatur: p.167

Journ. Biol. Chem.
Anderson, R.J. & W.L.Kulp
Analysis and composition of corn pollen. Preliminary
report Journ. Biol. Chem. 50: 433-453
F,1922
Bibliography: p.453.

Journ. Bot.
Grove, W.B.
New or noteworthy fungi IX Journ. Bot. 60: 142-148 pl.563 My.1922 no.713
Leptothryium osmanthi, Leptostroemella polypodii, Gloeosporium diervillae, Trullula silphii n.sp.

Sprague, T.A.
Plant nomenclature, a reply Journ. Bot. 60: 129-139 My.1922 no.713

Journ. Dept. Agr. So. Africa.
Doidge, E.M.
Wart disease of potatoes: Synchitrium endobioticum Perc. Journ. Dept. Agr. So. Africa 4: 447-451 illus. My.1922 no.5

Putterill, V.A.
Plant diseases in the western province V. The control of pear scab or "Fusicladium" Journ. Dept. Agr. So. Africa 4: 430-431 illus. My.1922 no.5

Journ. Dept. Agr. So. Australia.
Perkins, A.J.
Some causes of defective germination in wheat Journ. Dept. Agr. So. Austr. 25: 768-777 Ap.1922 no.9

Journ. For. Suisse.
Badoux, H.
Le Cenangium abietis Duby, un nouveau champignon parasitaire de l'épicéa Journ. For. Suisse 73: 101-104 Je.1922 no.6

Journ. Pharm. & Chim.
Bridel, Marc. & Marie Breacke
Sur la présence de mélampyrite et d'aucubine dans les tiges foliées du Melampyrum arvense L. Journ. Pharm. et Chim. VII, 25: 449-457 Je.1922 no.11
Bibliographical foot notes

Journ. Roy. Agr. Soc. Engl.
Biffen, E.H.
Annual report for 1921 of the botanist Journ. Roy. Agr. Soc. England 82: 265-270 1921

Journ. Soc. Chem. Industr.
Joseph, A.F. & B.W.Whitfeild
Sudan essential oils Journ. Soc. Chem. Industr. 41: 172 May 31, 1922 no.10

Journ. Wash. Acad. Sci.
Killip, E.P.
New Passifloras from Mexico and Central America Journ. Wash. Acad. Sci. 12: 255-262 Je.1922 no.11

Meded. Inst. Plantenz. Dep. Landb. &c. Nederl. Ind.
Hall, C.J.J. van
Ziekten en plagen der cultuurgewassen in Nederlandsch-Indië in 1921 Meded. Dep. Landb. Nijverh. Hand. Inst. Plantenz. no.53 46 p. 1922

Missouri Bot. Gard. Bull.
Plant immigrants of our local flora Missouri Bot. Gard. Bull. 10: 84-92 May 1922 no.5

Monatsschr. Kakteenk.
Markgraf, Fr.
Organe der sukkulentum (cont.) Monatsschr. Kakteenk. 32: 41-43 Mr.1922 no.3

Schwantes, G.
Zur kultur der Mesembrianthemen Monatsschr. Kakteenk. 32: 57-64 Ap.1922 no.4

Weingart, Wilhelm
Cereus geometrizans Mart. und verwandte Monatsschr. Kakteenk. 32: 20, 35-38 1922

Mycologia

Jackson, H.S.
New or noteworthy rusts on Carduaceae Mycologia 14: 104-120 My.1922 no.3

Murrill, W.A.
Dark-spored agarics II. Gomphidius and Stropharia Mycologia 14: 121-142 My.1922 no.3

Schwarze, C.A.
The method of cleavage in the sporangia of certain fungi Mycologia 14: 143-172 illus., pl.15-16 My.1922 no.3
Bibliography: p.168-171

Thaxter, Roland
Reliquiae Farlowianae Mycologia 14: 99-100 My.1922 no.3

Nat. Hist.

Floral designs in textiles Nat. Hist. 22: 175-178 Mr./Ap.1922 [Je.] no.2
Plant motifs based on studies made by Miss Anna Heyward Taylor at Kartabo, British Guiana.

Nat. Nurserym.

Slogteren, Egbertus van
Address... at the plant conference at Washington, D.C. May 15th, 1922 Nat. Nurseryman 30: 156-158 Je.1922 no.6

Westerdijk, Johanna
Interchange of plants between different countries Nat. Nurseryman 30: 162-164 Je.1922 no.6
Address before Federation horticole professionelle internationale, The Hague, Ap.21,1922

Naturwissenschaften

Potthoff, Heinz
Zur frage nach dem vorkommen von befruchtungsvorgängen bei bacterien Naturwissensch. 10: 441-446 illus. My.5,1922 no.18

New Zeal. Journ. Agr.

Cunningham, G.H.
The second-hand fruit-case as a source of fungous-disease infection New Zeal. Journ. Agr. 24: 241-243 Ap.1922 no.4

Nova Acta R. Soc. Sci. Upsala

Juel, H.O.
Cytologische pilzstudien II Zur kenntnis einiger hemiasceen Nova Acta R. Soc. Sci. Upsala s.4, v.5, no.5 43 p. ii pl. 1921

Nuov. Ann. Min. Agr. Italy

Voglino, Pietro
Servizio di segnalazione degli attachi della Plasmopara viticola, nel 1921, nelle province di Torino, Cuneo, Novara Nuovi Ann. Min. Agr. Italy 2: 72-80 Mr.1922 no.2

Parfum. Mod.

Gattefossé, Jean
Huiles essentielles nouvelles du Tonkin et de l'Annam Parfum. Mod. 15: 89-90 illus. My.1922 no.5

Phytopath.

Barrus, M.F. & C.C.Chupp
Yellow dwarf of potatoes Phytopath. 12: 123-132 pl.7-8 Mr.1922 [Je.] no.3

Cook, M.T.
The dissemination of peach yellows and little peach Phytopath. 12: 140-142 Mr.1922 [Je.] no.3

Doolittle, S.P.
Comparative susceptibility of European and American varieties of cucumbers to bacterial wilt Phytopath. 12: 143-146 Mr.1922 [Je.] no.3

Phytopath.

Douglas, Bruce
A new Alternaria spot of tomatoes in California
Phytopath. 12: 146-148 illus. Mr.1922 [Je.]
no.3

Gregory, CT.
The relation of rain to the formaldehyde treatment of onion smut Phytopath. 12: 155-156
Mr.1922 [Je.] no.3

Hedgcock, G.G., G.G.Hahn, N.R.Hunt
Two important pine cone rusts and their new cronartial stages Phytopath. 12: 110-122
pl.5-6 Mr.1922 [Je.] no.3
Pt.I. Cronartium strobilinum (Arthur) Hedgc. and Hahn, comb.nov.
Pt.II.Cronartium conigenum (Pat.) Hedgc. and Hunt, comb.nov.

Hungerford, C.W.
Leaf roll, mosaic and certain other related diseases in Idaho Phytopath. 12:133-139
pl.9 Mr.1922 [Je.] no.3
Literature cited: p.139

Poole, R.F.
Celery mosaic Phytopath. 12: 151-154
illus., pl. Mr.1922 [Je.] no.3

York, H.H. & W.H.Snell
Experiments in the infection of Pinus strobus with Cronartium ribicola Phytopath. 12: 148-150 Mr.1922 [Je.] no.3

Proc. Amer. Pomol. Soc.

White, E.C.
Development of the cultivated blueberry Proc. Amer. Pomol. Soc. 1919-20 p.49-61 illus. 1921

Proc. Linn. Soc. N.S.W.

Collins, M.I.
On the mangrove and saltmarsh vegetation near Sydney, New South Wales, with special reference to Cabbage Tree Creek, Port Hacking Proc. Linn. Soc. N.S.W. 46: 376-392 illus., pl.xxvi-xxxii
N.1921 no.3

Petrie, J.M.
The active principle of Erythrophloeum laboucherii
Proc. Linn. Soc. N.S.W. 46: 333-348 pl.xxiii-xxiv
N.1921 no.3
References: p.347-348

White, C.T.
Notes on the genus Flindersia (family Rutaceae)
Proc. Linn. Soc. N.S.W. 46: 324-329 N.1921 no.3

Quart. Bull. Florida St. Pl. Bd.

Becker, G.G.
Sweet potato certification in Arkansas Quart. Bull. State Plant Bd. Florida 6: 61-70 Ap.1922 no.3

Burger, O.F. & A.C.Brown
Some sweet potato diseases Quart. Bull. State Plant Bd. Florida 6: 71-76 Ap.1922 no.3

Rev. Agr. Com. y Trab. Cuba

Calvino, E.M. de
Tres euphorbiaceas tropicales urentes Rev. Agr. Com. y Trab. Cuba v.5, no.3, p.11-15 illus. My.
1922 no.3
Platygyna urens, Tragia volubilis, Jatropha urens

Calvino, Mario
Los "arrowroots" o "feculas comestibles"
Rev. Agr. Com. y Trab. Cuba v.5, no.3, p.16-19
illus. My.1922 no.3
Maranta arundinacea, Canna edulis

Rev. Agr. Com. y Trab. Cuba

Calvino, Mario
[La ceiba] frontispicio Rev. Agr. Com. y Trab. Cuba v.5, no.3, p.23-24 cover illus. My. 1922

Progr. Agr. & Vitic.

Ravaz, Louis
Le mildiou-mosaïque Progr. Agr. et Vitic. 77: 485-487 col.pl. My.31,1922 no.21

Stotz, G.J.
Aperçus sur l'invasion de mildiou en 1921 en Algérie Progr. Agr. et Vitic. 77: 494-495, 540-543 My.21, Je.4,1922 no.21, 23

Rev. Industr. y Agr. Tucumán

Fawcett, G.L.
Notas preliminares sobre una enfermedad del tabaco Rev. Industr. y Agr. Tucumán 12: 5-17 illus. Je./Jl.1921 [Rec'd My.1922] no.1/2

Rev. Gén. Bot.

Allorge, Pierre
Les associations végétales du vexin français Rev. Gen. Bot. 34: 251-256 illus. Ap.1922 no.400

Carpentier, A.
Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-1919 Rev. Gen. Bot. 34: 236-250 Ap.1922 no.400

Colin, Henri
L'inuline dans les plantes greffees; la greffe soleil annuel-topinambour Rev. Gen. Bot. 34: 202-213 Ap.1922 no.400

Denis, Marcel
Les euphorbiees des Iles australes d'Afrique (suite) Rev. Gen. Bot. 34: 214-236 illus. Ap.1922 no.400

Rev. Hort.

Maupas, Albert
Sur la maladie de l'enroulement des feuilles de tomates Rev. Hort. 94: 52-54 Mar.16,1922 no.3

Passy, Pierre
Sur la gale des poires Rev. Hort. 94: 71-72 April 16, 1922 no.4

Roberton Proschowsky, A.
Ipomée a grande fleur bleue très hative Rev. Hort. 94: 78-80 col.pl., illus. Ap.16, 1922 no.4

Rhodora

Blake, S.F.
The identity of the genus Adventina Ref. Rhodora 24: 34-36 F.1922 [Je.] no.278
Galinsoga cilata

Fernald, M.L.
Brassica arvensis (L.) Kuntze, var. Schkuhriana Rhodora 24: 36 F.1922 [Je.] no.278

Fernald, M.L.
Notes on Sparganium Rhodora 24: 26-34 F.1922 [Je.] no.278

Fernald, M.L.
Some varieties of Cakile edentula Rhodora 24: 21-23 F.1922 [Je.] no.278

Weatherby, C.A.
A new species of Eleocharis from Massachusetts Rhodora 24: 23-26 F.1922 [Je.] no.278
E. fallax

Riv. Biol.

Campanile, Giulia
Contribuzioni allo studio delle cuscute dell'erba medica (nota prima) Riv. Biol. 4: 175-202 2 pl. Mr./Ap.1922 no.2
Pubblicazioni consultate: p.201-202
Cuscuta epithymum var. trifolii

Longo, Biagio
Albume o endosperma? Riv. Biol. 4: 170-174 Mr./Ap.1922 no.2

Schweiz. Zeitschr. Forstw.

Meyer, K.A.
Ueber pflanzensuccessionen in der forstwirtschaft Schweiz. Zeitschr. Forstw. 73: 125-142 My.1922 no.5

Science

Buchholz, J.T. & A.F.Blakeslee
Studies of the pollen tubes and abortive ovules of the globe mutant of Datura Science 55: 597-599 Je.2,1922 no.1431
Literature cited: p.599

Garner, W.W. & H.A.Allard
Photoperiodism, the response of the plant to relative length of day and night Science 55: 582-583 Je.2,1922 no.1431

Science Progr.

Summerhayes, V.S.
Spitzbergen, its natural history and resources Sci. Progr. 16: 608-619 2 pl. Ap.1922 no.64

Scient. Agr.

Dickson, B.T.
Diseases of the potato Sci. Agr. 2: 310-312, 325-327 illus. Je.1922 no.9,10.

Harrington, J.B.
The mode of inheritance of certain characters in wheat Sci. Agr. 2: 319-24 Je.1922 no.10
Literature cited: p.324.

Sci. Bull. Dept. Agr. N.S.W.

Guthrie, F.B.
William J. Farrer, and the results of his work Science Bull. Dept. Agr. N.S.W. 22 26 p. port. 1922
Bibliography: p.25-26

Succulenta

Verbeek Wolthuys, J.J.
Bijdragen tot de kennis der Crassulaceae X Succulenta 4: 35-36 May 24, 1922 no.5

Torreya

Benedict, R.C.
Some plants of Chimmons Island Torreya 22: 49-50 Je.1922 no.3

Ferguson, W.C.
Some interesting plants from Long Island, N.Y. Torreya 22: 43-49 Je.1922 no.3

Weatherby, C.A.
Some amateur observations on color-forms Torreya 22:37-42 Je.1922 no.3

U.S. Dept. Agr. Bull.

Thompson, H.C. & Beattie, J.H.
Sweet potato storage studies U.S.Dept. Agr. Bull. 1063 18 p. My.1922 [Je.]

U.S. Dept. Agr. Circ.

Link, G.K.K. & Meier, F.C.
Fusarium tuber rot of potatoes U.S. Dept. Agr. Dept. Circ. 214 8 p. ii pl. My.1922 [Je.]

U.S. Dept. Agr. Circ.

Link, G.K.K. & Meier, F.C.
Phoma rot of tomatoes U.S. Dept. Agr. Dept. Circ. 219 5 p. pl. My.1922

Versl. en Meded. Plantenziektenk. Dienst Wageningen

Bestrijding van tomatenziekten in Engeland (reisverslag) Versl. en Meded. Plantenziekten Dienst Wageningen no.25 16 p. Mr.1922

Spierenburg, Dina
Een onbekende ziekte in de iepen Versl. en Meded. Plantenziektenk. Dienst Wageningen 24: 3-31 F.1922

Ziekten en beschadigingen van tomaten Versl. en Meded. Plantenziektenk. Dienst Wageningen no.26 30 p. iv pl. Ap.1922

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Lilienfeld, F.A.
Vererbungsstudien and Dianthus barbatus L. teil I Zeitschr. Indukt. Abstamm.- u. Vererbungsl. 28:207-237 no.2/3

Zeitschr. Pflanzenkr.

Linsbauer, Ludwig
Ueber eine stoffwechselerkrankung an apfelfrüchten und deren heilung Zeitschr. Pflanzenkr. 32: 1-17 1922 no.1/2

Zeitschr. Wiss. Mikros.

Küster, Ernst
Ueber schwellungsdeformationen bei pflanzlichen zellkernen Zeitschr. Wiss. Mikrosk. 38: 350-357 Ap.1922 no.4

Exper. Stat. Publ.

Bennett, C.W.
A Phoma root rot of celery Mich. Agr. Exp. Stat.Techn. Bull. 53 40 p. incl. viii pl. Ap. 1922

Coons, G.H.
Michigan raspberry diseases Quart. Bull. Mich. Agr. Exp. Stat. 4: 138-141 illus. My.1922 no.4

Coons, G.H. & J.E.Kotila
Mosaic in potato seed stock Quart. Bull. Mich. Agr. Exp. Stat. 4: 135-138 illus. My.1922 no.4

Dutton, W.C. & Johnston, Stanley
Dusting and spraying experiments of 1920 and 1921 Mich. Agr. Exp. Stat. Spec. Bull. 115 53 p. illus. Mr.1922

Martin, W.H.
Potato scab and methods for its control New Jersey Agr. Exp. Stat. Circ. 131 12 p. Je.1922

New Books

Hunger, F.W.T.
Cocos nucifera Amsterdam, Scheltema & Holkemas boekhandel, 1920.

Karsten, Georg
Asiatische epiphyten In his Vegetationsbilder reihe 14, h. 1 pl.1-6 1921.

Mangin, L.A.
Parasites végétaux des plantes cultivées pt.2 Paris, 1921.
Vigne, cultures fruitières, cultures industrielles, préparations anticryptogamiques.

New Books

Das pflanzenreich h.78 Borraginaceae - Borraginoideae - Cynoglosseae... von A. Brand 1921
h. 79 Compsoitae - Hieracium sect. XVI tridentata (schluss) bis Sect. XXXIX mandonia Von K.H. Zahn 1922

Record, S.J.
Bibliography of the wood of the world (exclusive of the temperate region of North America) with emphasis on tropical woods. Comp. by Samuel J. Record... New Haven, Conn., 1922.
3 p.l., 2-28 numb. l. 28cm.

Mimeographed.

Sander & sons.
Orchid hybrids. Sanders complete list 1921
____ Addenda to Sanders list of orchid hybrids S. 1921.

Reprints from Journals not yet rec'd or not available.

Harrison, T.H.
Notes on the occurrence in New South Wales, Australia of the perfect stage of a Sclerotinia causing brown rot of fruits Reprinted from Journ. & Proc. ROY. Soc. N.S.W. v.55, p.215-219 pl.xv F.7,1922.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 86.
Indexed - June 19 - July 1, 1922.

★ JUL
U.S. Dep

Agr. Bull. Feder. Malay States.

Belgrave, W.N.C.
Notes on the "South American leaf disease" of rubber Agr. Bull. Feder. Malay States 9: 179-183 Jul./Sept.1921 [June 1922] no.3

Sharples, A.
Treatment of mouldy rot disease by application of "Agrisol" Agr. Bull. Feder. Malay States 9: 184-191 Jul./Sept.1921 [June 1922] no.3

Agr. Gaz. N.S.W.

Brereton, W. leGay, H.G.White & C.O.Hamblin.
Downy mildew of the vine. Some experiments Agr. Gaz. N.S.W. 33: 349-354 illus. My.1,1922

Amer. Fern Journ.

Clarkson, E.H.
Experiments in naturalizing ferns Amer. Fern Journ. 12: 19-22 Ja./Mr.1922 [June] no.1

Long, Bayard.
Occurrence of Botrychium matricariaefolium in New Jersey Amer. Fern Journ. 12: 1-9 Ja./Mr. 1922 [June] no.1

McColl, W.R.
Cystopteris bulbifera Bernh. Amer. Fern Journ. 12: 22-24 Ja./Mr.1922 [June] no.1

Marshall, M.A.
Reminiscences of a fern lover Amer. Fern Journ. 12: 16-19 Ja./Mr.1922 [June] no.1

Weatherby, C.A.
Is Botrychium dissectum a sterile mutant? Amer. Fern Journ. 12: 9-12 pl.1 Ja./Mr.1922 [June] no.1

Weatherby, C.A.
On a supposed hybrid in Equisetum Amer. Fern Journ. 12: 12-16 Ja./Mr.1922 [June] no.1

Amer. Journ. Bot.

Bergman, H.F.
Observations on the effect of water-raking on the keeping quality of cranberries Amer. Jour. Bot. 9: 245-252 May 1922 no.5
Literature cited: 252

Darlington, H.T.
Dr. W. J. Beal's seed-viability experiment Amer. Jour. Bot. 9: 266-269 May 1922 no.5

Raines, M.A.
Vegetative vigor of the host as a factor influencing susceptibility and resistance to certain rust diseases of the higher plants II. The rust history of plots of cereals sown at successive intervals through the summer Amer. Jour. Bot. 9: 215-238 pl.11-12 May 1922. no.5
Literature cited: p.235-237

Tottingham, W.E. & E.J.Rankin
Nutrient solutions for wheat Amer. Jour. Bot. 9: 270-276 May 1922 no.5
Bibliography: 276

Trelease, S.F.
Incipient drying and wilting as indicated by movements of coconut pinnae Amer. Jour. Bot. 9: 253-265 illus. May 1922 no.5
Bibliography: 264-265

Wilson, C.L.
Lignification of mature phloem in herbaceous types Amer. Jour. Bot. 9: 239-244 pl.13 May 1922 no.5
Bibliography: 244

Amer. Jour. Bot.
Young, W.J.
Potato ovules with two embryo sacs Amer.
Jour. Bot. 9: 213-214 illus. May 1922 no.5

Assoc. Grow.
Bioletti, F.T.
Make mildew scarce Assoc. Grow. v.3, no.6,
p.7, 18 illus. Je.1922

Ber. Biol. Reichsanst. Land- u. Forstw.
Bauncke,
Untersuchungen zur bekämpfung der rübenmüdigkeit
Ber. Biol. Reichsanst. Land. u. Forstw. 1920. 16
(Mitt. 21): 22-27 D.1921

Brehmer, W. von
Der einfluss des kali auf den inneren bau der
kartoffelpflanze Ber. Biol. Reichsanst. Land. u.
Forstw. 1920. 16 (Mitt.21): 274-281 illus.
D.1921

Brehmer, W. von
Das solanin in der kartoffelpflanze Ber. Biol.
Reichsanst. Land. u. Forstw. 1920. 16 (Mitt.21):
269-273 illus. D.1921.

Laubert, Richard
Die durch Gnomonia platani Kleb. verursachten
erkrankungen der platanen Ber. Biol. Reichsanst.
Land. u. Forstw. 1920. 16 (Mitt.21): 284-286
illus. D.1921.

Laubert, Richard
Fusicladium- und mehltaubefall einiger apfel-
und birnensorten Ber. Biol. Reichsanst. Land.
u. Forstw. 1920. 16 (Mitt.21): 286-291 illus.
D.1921.

Pape, H.
Befall lagernder maiskolben durch Botrytis
cinerea Pers. Ber. Biol. Reichsanst. Land. u.
Forstw. 1920. 16 (Mitt.21): 34-36 illus.
D.1921.

Pape, H.
Beobachtungen und untersuchungen an busch- und
stangenbohnen Ber. Biol. Reichsanst. Land. u.
Forstw. 1920. 16 (Mitt. 21): 28-31 D.1921

Pape, H.
Eine Gloeosporium-krankheit des walnussbaumes
Ber. Biol. Reichsanst. Land. u. Forstw. 1920. 16
(Mitt. 21): 32-33 illus. D.1921.

Pape, H.
Pilzliche schädlinge der sojabohne Ber.Biol.
Reichsanst. Land. u. Forstw. 1920. 16 (Mitt.21):
36-42 illus. D.1921.

Peters, Leo.
Zur biologie von Thielavia basicola Zopf.
Ber. Biol. Reichsanst. Land. u. Forstw. 1920. 16
(Mitt. 21): 63-74 D.1921

Riehm, Eduard
Uber die bestimmung des brandsporengehaltes von
weizenproben Ber. Biol. Reichsanst. Land. u.
Forst. 1920. 16 (Mitt.21): 45-50 D.1921

Riehm, Eduard
Uber die helmithosporien der gerste Ber.
Biol. Reichsanst. Land. u. Forstw. 1920. 16 (Mitt.
21): 43-45 Dec.1921.

Schlumberger, Otto
Art und grad der schädigung beim befall durch
roggenstengelbrand Ber. Biol. Reichsanst. Land.
u. Forstw. 1920. 16 (Mitt.21): 60-61 D.1921

Ber. Biol. Reichsanst. Land. u. Forstw.

Werth, Emil
Versuche zur bekämpfung der kartoffelkrebses Ber. Biol. Reichsanst. Land. u. Forstw. 1920. 16 (Mitt. 21): 121-125 D.1921.

Wollenweber, H.W.
Abbau der kartoffel, gemessen an durch krankheiten verursachten ernteverlusten Ber. Biol. Reichsanst. Land. u. Forstw. 1920. 16 (Mitt.21): 247-254 D.1921.

Wollenweber,H.W.
Beiträge zur älchenfauna der kartoffel Ber. Biol. Reichsanst. Land. u. Forstw. 1920. 16 (Mitt. 21): 258-266 illus. D.1921.

Ber. Deut. Bot. Ges.

Klebahn, Heinrich
Wirtswechsel und spezialisierung des stachelbeerrostes Ber. Deut. Bot. Ges. 40: 104-111 Apr.27,1922 [June] no.3

Kostytschew, Sergei
Studien über photosynthese. IV. Die CO_2-assimilation der leguminosen Ber. Deut. Bot. Ges. 40: 112-119 Apr.27,1922 [June] no.3

Melin, Elias.
Boletus-arten als mykorrhizenpilze der waldbäume Ber. Deut. Bot. Ges. 40: 94-97 Apr.27,1922 [June] no.3
Literaturverzeichnis: p.97

Biochem. Zeitschr.

Boas, Friedrich
Untersuchungen über die mitwirkung der lipoide beim stoffaustausch der pflanzlichen zelle Biochem. Zeitschr. 129: 144-152 1922 no.1/2
Literatur: p.152

Molisch, Hans
Uber die angebliche entwicklung von wasserstoffsuperoxyd bei der kohlensäureassimilation Biochem. Zeit. 125: 257-261 Dec.18,1921 no.5/6

Weber, Friedl
Zentrifugierungsversuche mit ätherisierten Spirogyren Biochem. Zeit. 126: 21-32 Dec.27,1921
Literatur: 32 no.1/4

Blatt. Zückerrübenb.

Müller, H.C. & E. Molz
Verhütung des wurzelbrandes der rüben mittels der germisanbeize Blatt. ,Zuckerrübenb. 29: 45-50 illus. Mar.31,1922 no.3

Bot. Gaz.

Browne, I.M.P.
Anatomy of Equisetum giganteum Bot. Gaz. 73: 447-468 illus. June 1922 no.6
Literature cited: p.468

Gardner,M.X. & J.B.Kendrick
Overwintering of tomato mosaic Bot. Gaz. 73: 469-485 pl.17 June 1922 no.6
Literature cited: 484-485

Lupo, Patsy
Stroma and formation of perithecia in Hypoxylon Bot. Gaz. 73: 486-495 pl.18 June 1922 no.6

Sears, P.B.
Variations in cytology and gross morphology of Taraxacum II. Senescence, rejuvenescence, and leaf variation in Taraxacum Bot. Gaz. 73: 425-446 illus. June 1922 no.6
Literature cited: 446

Bryologist
Burnham, S.H.
Lichens of the Lake George region (cont.)
Bryologist 25: 58-59 May 1922 no.3

Nichols, G.E.
The Bryophytes of Michigan with particular reference to the Douglas Lake region Bryologist 25: 41-58 May 1922 no.3

Bul. Inform. Grad. Bot. Univ. Cluj
Borza, Al
Bibliographia botanica Romaniae annorum 1914-20
Bul. Inform. Grad. Bot. Univ. Clum 1: 41-54 1921
___ ___ 1921 cum nonnullis additamentis... 1914-20)
Bul. Inform. Grad. Bot. Univ. Cluj 1: 87-91 1921

Borza, Al
Flora gradinilor taranesti române (La flore des jardins des paysans Roumanies) Bul. Inform. Grad. Bot. Univ. Cluj 1: 64-86
French resumé: 84-86
I. Maril (Pyrus malus L.)

Schedae ad floram Romaniae exsiccatam a Museo botanico Universitatis Clusiensis editam Centuria I Bul. Inform. Grad. Bot. & Muz. Bot. Unib. Cluj 1: 3-24 1921

Bul. Agr. Res. Inst. Pusa
Sundararaman, S.
The coconut-bleeding disease Bull. Agr. Res. Inst. Pusa no.127, 8 p. 6 pl. 1922

Bull. Cl. Sci. Acad. Roy Belg.

Poma, Georges
L'influence de la salinité de l'eau sur la germination et la croissance des plantes halophytes
Bull. Cl. Sci. Acad. Roy. Belg. V, 8: 81-99 1922

Bull. Dept. Agr. Burma
Thompstone, E. & A.M.Sawyer
The "gwabo" disease of paddy Bull. Dept. Agr. Burma 1920 no.16 12 p. 1922
Due to Sclerotium oryzae & a stem borer

Bull. Écon. Madagascar.
Louvel,
Note sur les bois de Madagascar Bull. Econ. Madagascar 18: 137-143 1921 no.31

Matières premières pour pâtes à papier
Bull. Econ. Madgascar 18: 157-164 1921 no.31

Perrier de la Bathie, Henri.
Sur les tourbières et autres dépôts de matières végétales de Madagascar Bull. Econ. Madagascar 18: 179-187 1921 no.31

Bull. Philippine Bur. Agr.
Wester, P.J.
A descriptive list of mango varieties in India
Bull. Philipp. Bur. Agr. no.36 96 p. illus. 1922

Bull. Soc. Hist. Nat. Afr. Nord
Alleizette, Charles d'
Remarques sur le Fritillaria messanensis Raf. n.sp. oranensis (Pomel) Batt. Bull. Soc. Hist. Nat. Afr. Nord 13: 96 Ap.15,1922 no.4

Bull. Soc. Path. Vég. France.
Ducomet, Vital
Observations et expériences sur les maladies de dégén'rescence de la pomme de terre Bull. Soc. Path. Veg. France 9: 29-38 Jan./Mar.1922 no.1

Gard, Médéric
L'apoplexie de la vigne et les formes résupinées du Fomes igniarius (L.) Fries Bull. Soc. Path. Veg. France 9: 22-28 illus. Jan./Mar.1922 no.1

ull. Soc. Path. Veg. France

Gard, Médéric
L'Hydnum erinaceus Bull. sur Noyers Bull.
Soc. Path. Veg. France 9: 21 Jan./Mar.1922 no.1

Magrou, Joseph
A propos de la flagellose des Euphorbes Bull.
Soc. Path. Veg. France 9: 58-61 illus. Jan./Mar.
1922 no.1

Molliard, Marin
Louis Matruchot Bull. Soc. Path. Veg. France
9: 12-14 Jan./Mar.1922 no.1

Perret, Claude
La dégénérescence des pommes de terre Bull.
Soc. Path. Veg. France 9: 39-41 Jan./Mar.1922 no.1

ull. Torr. Club

Anderson, Flora
The development of the flower and embryogeny of
Martynia louisiana Bull. Torr. Club 49: 141-
157 illus., pl.7-8 My.1922 [June] no.5

Hazen, T.E.
New British and American species of Lobomonas:
a study in morphogenesis of motile algae Bull.
Torr. Club 49: 123-137 May 1922 [June] no.5

awthron Lectures

Cockayne,, Leonard
The distribution of the vegetation and flora of
New Zealand Cawthron Lectures 1: 3-27 10 pl.
incl. map 1922

l Coltiv.

Ciferri, R.
La rogna della melagrana; un nuovo epiparassita
Il Colt. 67: 569-570 Dec.30,1921 no.36
Dothiorella sanninii n.sp.

ompt. Rend. Acad. Sci. Paris

Bugnon, Pierre
L'organisation libéroligneuse, chez la Mercur-
iale, reproduit-elle une disposition ancestrale?
Compt. Rend. Acad. Sci. Paris 174: 1484-1486 illus.
June 6, 1922 no.23
M. annua

Chauveaud, Gustave
Les principales variations du développement vas-
culaire dans les premières phyllorhizes des Phanéro-
games ne soni pas déterminées par l'accroissement
intercalaire Compt. Rend. Acad. Sci. Paris 174:
1487-1489 June 6, 1922 no.23

Gain, Edmond
Sur la résistance comparative à la chaleur des
points végétatifs de l'embryon du grand-soleil.
Compt. Rend. Acad. Sci. Paris 174: 1557-1559
June 12, 1922 no.24

Lapicque, Louis
Mécanisme des échanges entre la cellule et le
milieu ambiant Compt. Rend. Acad. Sci. Paris
174: 1490-1492 June 6, 1922 no.23

Larbaud, Marguerite
Anatomie des fleurs d'une même espèce à diverses
altitudes Compt. Rend. Acad. Sci. Paris 174:
1562-1564 June 12, 1922 no.24

Lenoir, Maurice
La cinèse somatique dans la tige aérienne
d'Equisetum arvense L. Compt. Rend. Acad. Sci.
Paris 174: 1559-1562 June 12, 1922 no.24

ompt. Rend. Soc. Biol. Paris

Dufrenoy, Jean
Les cellules polynucléées des mycorhizes de châtaigniers Compt. Rend. Soc. Biol. Paris 86: 535-538 illus. Mr.1922 no.10

Guilliermond, Alexandre
Sur la formation des grains d'aleurone et de l'huile dans l'albumen de Ricin Compt. Rend. Soc. Biol. Paris 86: 434-436 illus. Feb.25,1922 no.8

Guilliermond, Alexandre
Sur l'origine et la signification des oléoplastes Compt. Rend. Soc. Biol. Paris 86: 437-440 illus. Feb.25,1922 no.8

Contr. Bot. Cluj, Roumanie

Doubrescu, I.M.
Le climat et le blé roumain Contr. Bot. Cluj, Roumanie 1: 154-176 Dec.1921 no.1

Grintzesco, Jean
Note sur deux Orobanches parasites des plantes cultivées et sur leur origine en Roumanie Contr. Bot. Cluj, Roumanie 1: 136-140 Dec.1921 no.1

For. Leaves

Bitler,F.L.
Dr. Joseph Trimble Rothrock For. Leaves 18: 129-130 port. Je.1922 no.9
died June 2, 1922
Port. oncover

Gard. Chron.

Brown, N.E.
Mesembryanthemum and some new genera separated from it Gard. Chron. III, 71: 307 illus. June 10, 1922 no.1850

The Journal of pomology and horticultural science Gard. Chron. III, 71: 297 Je.10,1922
Scope of Journale of pomology to be enlarged and financial responsibility assumed by Research Stations at Long Ashton & Cambridge, Mr. Bunyard to be editor.

Thatcher, A.E.
Chinese climbers at Aldenham Gard. Chron. III, 71: 305 illus. June 10, 1922 no.1850

William Carruthers Gard. Chron. III, 71: 312 Je.10,1922 no.1850
Died June 2d at 92.

Gard. Chron. Amer.

Meyer, F.B.
Rhododendrons and azaleas in the garden Gard. Chron. Amer. 26: 173-174 June 1922 no.6

Hawaiian For. & Agr.

Kraebel, C.J.
Mauna Kea plant list Hawaiian For. & Agr. 19: 2-4 pl. Jan.1922 no.1

Hoppe-Seyl. Zeitschr. Phys. Chem.

Kiesel, Alexander
Beitrag zur kenntnis der verbreitung der Urease in pflanzen Hoppe-Seyl. Zeitschr. Phys. Chem. 118: 247-253 1922 no.4/6

Kiesel, Alexander
Über den fermentativen abbau des arginins in pflanzen Hoppe-Seyl. Zeitschr. Phys. Chem. 118: 267-276 1922 no.4/6

Kiesel, Alexander
Zur frage über das vorkommen von Ornithin in pflanzen Hoppe-Seyl. Zeitschr. Phys. Chem. 118: 254-266 1922 no.4/6

Illus. Landw. Zeit.
Schaffnit, Ernst.
Zum ausbau des pflanzenschutzes in Preussen
Illustr. Landw. Zeit. 42: 168-169 My.20,1922
no.39/40

Ital. Agr.
Peglion, Vittorio
La "degenerazione" e la "rigenerazione" della
patata Italia Agr. 58: 357-365 illus.
D.1921 no.12

Japanese Journ. Bot.
Saito, Kendo
Untersuchungen über die atmosphärischen pilzkeime
III. Mitt. Japanese Journ. Bot. 1: 1-54 pl.i-
iii 1922
Bibliographical foot notes
Describes many new species of Torula

Journ. Bot.
Britten, James
Edward Adrian Woodruffe-Peacock (1858-1922)
Jour. Bot. 60: 161-162 June 1922 no.714

Britten, James
Robert Brown and 'The Monthly Magazine'
Jour. Bot. 60: 177-184 Je.1922 no.714
Bibl. notes LXXXV

Grove, W.B.
New or noteworthy fungi Jour. Bot. 60: 167-
177 June 1922 no.714
Didymella cortadeniae, Phomatospora sphaerulina,
Cercosporella oxalidis n.sp.

Norman, Cecil
On Cotylonia, a new genus of Umbelliferae
Jour. Bot. 60: 166-167 illus. June 1922 no.714

Watson, William
The determination of lichens in the field Jour.
Bot. 60: suppl. p.1-16 Je.1922 no.714

Journ. Gen. Physiol.
Macht, D.I. & M.B.Livingston
Effect of cocaine on the growth of Lupinus albus.
A contribution to the comparative pharmacology of
animal and plant protoplasm Journ. Gen. Physiol.
4: 573-584 May 20, 1922 no.5
Bibliography: 583-584

Journ. N.Y. Bot. Gard.
Britton, N.L.
Botanical investigations in Porto Rico Journ.
N.Y. Bot. Gard. 23: 49-59 April 1922 [June] no.268

Journ. Soc. Nat. Hort. France
Bellair, Georges
Observations sur la resistance de quelques
varitétés de pommes de terre a la sécheresse Journ.
Soc. Nat. Hort. France 23: 197-199 May 1922

Rivière, Gustave & Georges Pichard
La chlorose des arbres fruitiers son influence
sur la composition chimique des fruits Journ.
Soc. Nat. Hort. France 23: 192-194 May 1922

Landw. Jahrb.
Schaffnit, Ernst
Über die geographische verbreitung von Calonectria graminicola (Berk. und Brom.) Wwr. (Fusarium
nival. Caes.) und die bedeutung der beize des roggens zur bekämpfung des pilzes Land. Jahrb.
54: 523-538 1919 (Rec'd 1922) no.4

Mitt. Deut. Landw. Ges.
Raebiger,
Verwertung der pilze zu futterungszwecken unter
besonderer berücksichtigung der giftigen und gift
verdächtigen schwämme Mitt. Deut. Landw.
Ges. 37: 367-371 Je.10,1922 no.23

Nachrichtenbl. Deut. Pflanzenschutzd.

Rabbas,
Die rutenkrankheit der himbeerstraücher Nachrichtenbl. Deut. Pflanzenschutzd. 2: 42 Je.1922 no.6

Zimmermann, Hans
Typhulapilzbefall der wintergerste 1921 Nachrichtenbl. Deut. Pflanzenschutzd. 2: 41-42 Je. 1922 no.6

New Phytol.

Denham, H.J.
Laboratory notes New Phytol. 21: 163-168 illus. June 1922 no.3
The projection microscope. A multiple switch and commutator for thermocouples.

Priestley, J.H. & North, E.E.
Physiological studies in plant anatomy. III. The structure of the endodermis in relation to its function New Phytol. 21: 113-139 illus. June 1922 no.3
References: 138-139

Stiles, Walter
Permeability VIII. The plasma-membrane New Phytol. 21: 140-162 June 1922 no.3

Orchid Rev.

C., E.
Arachnanthes Orchid Rev. 30: 168-175 illus. June 1922 no.348

Phytopath.

American phytopathological society
Report of 13th annual meeting Phytopath. 12: 195-204 Ap.1922 [Je.] no.4

Adams, J.F.
Observations on frost protection and drouth spot of apple Phytopath. 12: 184-187 illus. Ap.1922 [June] no.4
Literature cited: 187

Artschwager, Ernst.
Occurrence of phloem necrosis in leafroll tubers Phytopath. 12: 193-194 Ap.1922 [June] no.4

Braun, Harry
Effect of delayed planting on germination of seed wheat treated with formalin Phytopath. 12: 173-180 illus., pl.13 Ap.1922 [June] no.4

Brown, J.G. & Frederick Gibson
Some observations on alfalfa girdle Phytopath. 12: 188-190 pl.15 Ap.1922 [June] no.4

Eyer, J.R.
Notes on the etiology and specificity of the potato tip burn produced by Empoasca mali Le Baron. Phytopath. 12: 181-184 illus., pl.14 Ap. 1922 [June]

Hopkins, E.F.
Varietal susceptibility of the yellow bell-flower apple to cedar rust Phytopath. 12: 190-192 illus. Ap.1922 [June] no.4
Literature cited: 192

Meier, F.C., Charles Drechsler,&E.E.Eddy.
Black rot of carrots caused by Alternaria radicina n.sp. Phytopath. 12: 157-166 illus., pl.11 Ap.1922 [June] no.4

Pritchard, F.J. & W.S.Porte
Isaria rot of tomato fruits Phytopath. 12: 167-172 pl.12 Ap.1922 [June] no.4
Isaria clonostachoides n.sp.

Proc. Acad. Nat. Sci. Phila.
Pennell, F.W.
Scrophulariaceae of the west Gulf states Proc. Acad. Nat. Sci. Philadelphia 73: 459-536 1922 no.3

Proc. N?Y. State Hort. Soc.
Jones, L.R.
The prevention of apple diseases Proc. N.Y. Hort. Soc. 1922 p.275-281 1922

Queensl. Agr. Journ.
White, C.T.
Queensland trees no.10 Socket wood (Daphnandra micrantha) Queensl. Agr. Journ. 17: 230-232 illus. My.1922 no.5

Rev. Fac. Agron.Univ La Plata
Zeman, V.
Los hongos la "Phalaris bulbosa" Rev. Facul. Agron. Univ. La Plata 14: 179-184 1921 (Rec'd 1922) no.3
Describes a number of new species

Rev. Bot. Appl.
Baudon, A.
Les fibres de Guéla (Sida rhombifolia L.) Rev. Bot. Appl. 2: 167-169 Ap.30,1922 no.8

Chevalier, August
Deux nouvelles plantes fourragères pour le Sud-Ouest de la France Rev. Bot. Appl. 2: 214-216 My.1922 no.9

Chevalier, Auguste
Origine botanique de l'huile de Chaulmoogra Un remède dontre la Lèpre. - Les vrais et les faux Chaulmoogra Rev. Bot. Appl. 2: 140-146 Ap.30,1922 no.8

Gerbault,
Sur la nomenclature des plantes cultivées Rev. Bot. Appl. 2: 197-199 My.1922 no.9

Jumelle, Henri
Ignames sauvages et ignames cultivees à Madagascar Rev. Bot. Appl. 2: 193-197 My.1922 no.9

Jumelle, Henri
Les palmiers à crin végétal de Madagascar Rev. Bot. Appl. 2: 159-163 Ap.30,1922 no.8

Rev. Gén. Bot.
Allorge, Pierre
Les associations végétales du vexin français Rev. Gén. Bot. France 34: 311-319 May 1922 no.401

Carpentier, A.
Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-191 Rev. Gén. Bot. 34: 300-310 May 1922 no.401

Denis, Marcel
Les euphorbiées des Iles australes d'Afrique (suite) Rev. Gén. Bot. 34: 287-288 May 1922 no.401

Guillaumin, André
Quelques expériences sur la fertilisation préalable des semences Rev. Gén. Bot. France 34: 257-263 illus. May 1922 no.401

Mellor, Ethel
Les lichens vitricoles et la détérioration des vitraux d'église Rev. Gén. Bot. France 34: 280-288 May 1922 no.401

Obaton, Fernand
Sur le nanisme des feuilles des arbres Rev. Gén. Bot. France 34: 264-279 illus. May 1922 no.401

Rev. Hort.

Jahandiez, Emile
Plantes ornementales de l'atlas Marocain
Rev. Hort. 94: 95-96 illus. My.16,1922

Lesourd, F.
L'iris chez les anciens Rev. Hort. 94: 98-100 illus. May 16, 1922 no.5
Bibliographical foot notes

Rev. Vitic.

Villedieu, G.
Cuivre et mildiou Rev. Vitic. 56: 406-409 My.25,1922 no.1456

Rhodora

Ames, Oakes
Notes on New England orchids - II. The mycorrhiza of Goodyera pubescens Rhodora 24: 37-46 pl.135-136 March 1922 [June] no.279

Fassett, N.C.
Lophotocarpus on the north-eastern river-estuaries Rhodora 24: 71-73 pl.137 Apr.1922 [June] no.280

Fernald, M.L.
The generic name Phragmites Rhodora 24: 55-56 March 1922 [June] no.279

Fernald, M.L.
Lysimachia terrestris (L.) BSP., var. ovata (Rand & Redfield), n.comb. Rhodora 24: 76 Apr.1922 [June] no.280

Fernald, M.L. & C.A.Weatherby
Varieties of Geum canadense Rhodora 24: 47-50 March 1922 [June] no.279

Klugh, A.B.
Ecological polymorphism in Enteromorpha crinita Rhodora 24: 50-55 March 1922 [June] no.279

Nelson, J.C.
Introduced species of Lathyrus in the Northwest. Rhodora 24: 75-76 Apr.1922 [June] no.280

Peattie, D.C.
The Atlantic coastal plain element in the flora of the Great Lakes Rhodora 24: 59-70 illus. (maps) Apr.1922 [June] no.280

Wiegand, K.M.
Variations of Carex annectens Rhodora 24: 73-74 Apr.1922 [June] no.280

Riv. Patol. Veg.

Ciferri, R.
Il marciume delle mele cotogne Riv. Patol.Veg. 12: 12-17 Mar.29,1922 no.1/2

Maffei, Luigi
La vaiolatura delle foglie dell' "Arachis hypogaea" Linn. dovuta a Cercospora Riv. Patol. Veg. 12: 7-11 Mar.29,1922 no.1/2

Montemartini, Luigi
L'applicazione degli articoli 6 e 7 della convenzione internaxionale di Rome 4 Marzo 1914 contro le malattie delle piante Riv. Patol. Veg. 12: 1-6 Mar.29,1922 no.1/2

Schweiz. Zeitschr. Forstw.

Meyer, K.A.
Über pflanzensuccessionen in der forstwirtschaft Schweiz. Zeitschr. Forstw. 73: 172-187 June/Jl. 1922 no.6/7

S

Science

Blakeslee, A.F., John Belling, M.E.Farnham & A.D.Bergner.
A haploid mutant in the Jimson weed, "Datura stramonium" Science 55: 646-647 Je.16,1922 no.1433

Jordan, D.S.
The origin of species Science 55: 642-643 Je.16,1922 no.1433

Scient. Month.

Douglass, A.E.
Some aspects of the use of the annual rings of trees in climatic study Sci. Month. 15: 5-21 July 1922 no.1

Sitzungsb. Preuss. Akad. Wiss.

Haberlandt, Gottlieb
Die entwickelungserregung der eizellen einiger parthenogenetischer kompositen Sitzungsb. Preuss. Akad. Wiss. 1921: 861-881 illus. 1921
Literaturverzeichnis: 880-881 no.51

Haberlandt, Gottlieb
Die entwickelungserregung der parthenogenetischen eizellen von Marsilia drummondii A.Br. Sitzungsb. Preuss. Akad. Wiss. 1922: 4-16 illus. 1922 no.2
Literaturverzeichnis: 15-16

Haberlandt, Gottlieb
Uber experimentelle erzeugung von adventivembryonen bei Oenothera lamarckiana Sitzungsb. Preuss. Akad. Wiss. 1921: 695-725 illus. 1921 no.40
Literaturverzeichnis: 724-725

So. Afr. Fruit Grow.

Hobson, George
Citrus aboard and overseas South Afr. Fruit Grow. 9: 141-149 May1922 no.5

Trans. Illinois State Hort. Soc.

Anderson, H.W.
A survey report of the bacterial shot-hole of peach Trans. Illinois State Hort. Soc. 55: 137-144 1921

Trans. Peninsula Hort. Soc.

Adams, J.F.
Copper injury upon apples Trans. Penin. Hort. Soc. 35 (1921): 82-87 1922

Adams, J.F.
Dieback and apple tree rosette Trans. Penin. Hort. Soc. 35 (1921): 68-77 1922

Adams, J.F.
Some apple diseases not controlled by spraying Trans. Penin. Hort. Soc. 35(1921): 77-81 illus. 1922

Auchter, E.C.
Apple scab and its control Trans. Penin.Hort. Soc. 35 (1921): 107-112 1922

Johnson, T.C.
Diseases of Irish potato Trans. Pening. Hort. Soc. 35 (1921): 147-152 1922

Manns, T.F.
Diseases of the sweet potato Trans. Penin. Hort. Soc. 35 (1921): 132-136 1922

Manns, T.F.
Fungous diseases and other seasonal conditions for 1921 Trans. Penin. Hort. Soc. 35 (1921): 140-144 1922

U.S. Dept. Agr. Plant Dis. Bull.

U.S. Dept. Agr. Plant Dis. Surv.
The plant disease bulletin Suppl. 20, Diseases of fruit and nut crops in the United States in 1921 138 p. Je.10,1922
Mimeographed

Univ. Calif. Pub. Bot.

Skottsberg, C.J.F.
...Notes on Pacific coast Algae, II. On the Californian "Delesseria quercifolia" Univ. Calif. Pub. Bot. 7: 427-434 pl.50 June 16, 1922 no.12

Zeitschr. Pflanzenernähr. u. Düng. A

Lemmermann, Otto & L. Fresenius
Untersuchungen über die azidität der böden und ihre wirkung auf keimende pflanzen Zeitschr. Pflanzenernähr. u. Düng. Teil A, 1: 12-32 illus. 1922

Exper. Stat. Publ.

Gardner, M.X. & J.B.Kendrick
Tomato mosaic Indiana Agr. Exp. Stat. Bull. no.261 24 p. illus. May 1922

Smith, R.M.
The eelworm disease of red clover Idaho Agr. Exp. Stat. Bull. 130 14 p. illus. Mr.1922
Literature cited and reviewed: p.13-14

Anderson, P.J.
Development and pathogenesis of the onion smut fungus Mass. Agr. Exp. Tech. Bull. 4: 99-133 illus. Nov.1921 [Rec'd June 1922]
Literature cited: 132-133

Doran, W.L.
Laboratory studies of the toxicity of some sulphur fungicides New Hamp. Agr. Exp. Sta. Tech. Bull. 19. 11 p. March 1922
Literature cited: p.11

New Books

Fiori, Adriano
Iconographia florae italicae ossa Flora italiana illustrata ... continuata de Prof. Adriano Fiori ... (Gen. Rosa per F. Crepin) 2. ed. aum. Sancasciano Val di Pesa, 1921.

Gwynne-Vaughan, Helen
Fungi, Ascomycetes, Ustilaginales, Uredinales Cambridge, 1922

Haberlandt, G.F.J.
Wundhormone als erreger von zelltheilungen Berlin 1921

Howard-Bury, C.K.
Mount Everest, The reconnaissance, 1921. London, E. Arnold & Co., 1922.
Natural history by A.F.R.Wollaston: p.281-303

Penzig, O.A.
Pflanzen-teratologie 2. aufl. Berlin, Borntraeger, 1921-
v.1-2, 3, bog.1-20.

Seabra, Amando de & A.F. de Seabra
As doenças das plantações de cacau das ihlas de S. Tomé e Principe. Os serviços tecnicos do combate contra as epiphytias. Lisboa, 1921.
142 p. xxx pl. on 15 23cm.
Stilbum seabrae, Phoma theobromae, Anthromycopsis filiformis n.sp. (see p.43-44, 47, 48)

Thomson, R.B.
A guide to the poisonous plants and weed seeds of Canada. Toronto, Univ. press, 1922

Reprints from Journals not yet rec'd or not available.

Kasai, Mikio
Observations and experiments on the leafroll disease of the Irish-potato in Japan Reprinted from Ber. Ohara Inst. Landw. Forsch. 2: 47-77 1921
Literature cited: p.76-77

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 87.
Indexed - July 3 - 15, 1922.

LIBRARY
JUL 22

Agr. Gaz. N.S.W.

Allen, W.J. & J.M.Arthur
Sprays for peach curl on trial at Yanco Agr. Gaz. N.S.W. 33: 442-446 illus. Je.1,1922 no.6
Results from 1916 to date

Breakwell, E.
The medics or burr trefoils Agr. Gaz. N.S.W. 33: 418-426 June 1, 1922 no.6

Brereton, W.leGay & C.O.Hamblin.
Black spot of the vine (Gloeosporium ampelophagum). Experiments with controls, 1920-21. Agr. Gaz. N.S.W. 33: 432-436 illus. Jun 1, 1922 no.6

Amer. Journ. Bot.

Dupler, A.W.
The male receptacle and antheridium of Reboulia hemisphaerica Amer. Journ. Bot. 9: 285-295 illus., pl.14 June 1922 no.6
Literature cited: 294-295

Farr, C.H.
The meiotic cytokinesis of Nelumbo Amer. Journ. Bot. 9: 296-306 illus., pl.16 June 1922 no.6
Literature cited: 305-306

Hanson, H.C.
Prairie inclusions in the deciduous forest climax Amer. Journ. Bot. 9: 330-337 illus. June 1922 no.6
Bibliography: 337

Irwin, Marian & Margaret Weinstein
Acid formation and decreased production of CO_2 due to ethyl alcohol Amer. Journ. Bot. 9: 277-282 June 1922 no.6
Comparative studies on respiration XXI

Merriman, M.L.
A new species of Spirogyra with unusual arrangement of the chromatophores Amer. Journ. Bot. 9: 283-284 illus. June 1922 no.6
S. rectispira

Muenscher, W.C.
The effect of transpiration on the absorption of salts by plants Amer. Journ. Bot. 9: 311-329 June 1922 no.6
Literature cited: 328-329

Smith, E.P.
The effect of lactic acid on the respiration of wheat Amer. Journ. Bot. 9: 307-310 illus. June 1922 no.6

Ann. di Bot.

Bartorelli, Ida
Di un nuovo carettere farmacognostico della belladonna Ann. di Bot. 15: 273-275 Feb.28, 1922 no.4

Campbell, Carlo
Sopra una varietà di olivo a corolla pentamera Ann. di Bot. 15: 280-282 illus. Feb.28,1922 no.4

Campbell, Carlo
Su di una infezione di Peronospora trifoliorum DeBary sull'Erba medica Ann. di Bot. 15: 283-284 Feb.28,1922 no.4

Mattirolo, Oreste
Enrico Ferrari Ann. di Bot. 15: 289-292 Feb.28,1922 no.4

Ann. di Bot.

Mattirolo, Oreste
Irene Voli Chiapusso Ann. di Bot. 15: 293
Feb.28,1922 no.4

Savelli, Roberto
Variazione brusca in Nicotiana sylvestris Spegazzini Ann. di Bot. 15: 197-263 illus.
Feb.28,1922 no.4

Sibili, Cesare
Osservazioni statistiche sul fiore di Anemone apennina L. Ann. di Bot. 15: 265-272 2 fold. charts Feb.28,1922 no.4

Strampelli, Benedetto
Un nuovo caso di disgiunzione pigmentale in una infiorescenza di Dahlia variabilis Ann. di Bot. 15: 278-279 illus. Feb.28,1922 no.4

Ann. Carnegie Mus. Pittsb.

Gress, E.M.
An annotated list of fossil plants of the Dakota formation (cretaceous) in the collections at the Carnegie Museum, including descriptions of three new species Ann. Carnegie Mus. Pittsb. 13: 274-330 pl.14-15 Apr.25,1922

Jennings, O.E.
Studies in the genus Lactuca in western Pennsylvania Ann. Carnegie Mus. Pittsb. 13: 440-446 pl.33 Apr.25,1922 no.3/4

Arb. Forsch-Inst. Kartoffelb.

Knorr, P.
Versuchsergebnisse auf dem gesamtgebiete des kartoffelbaues im jahre 1920 Arb. Forschungsinst. Kartoffelb. no.6 128 p. 1922

Ber. Deut. Bot. Ges.

Gleisberg, Walther
Vaccinium oxycoccus L., ein weiterer beitrag zur typenfrage der art Ber. Deut. Bot. Ges. 40: 130-139 illus. May 24, 1922 no.4

Gleisberg, Walther
Vergleichend-anatomische untersuchung des blattes der Vaccinium oxycoccus - typeh. Ber.Deut. Bot. Ges. 40: 139-147 May 24, 1922 no.4

Metzner, Paul
Uber den farbstoff der grünen bakterien Ber. Deut. Bot. Ges. 40: 125-129 illus. May 24, 1922 no.4
Literatur: 129

Weber, Friedl
Frühtreiben durch quetschen Ber. Deut. Bot. Ges. 40: 148-152 May 24,1922 no.4
Literatur: 152

Bol. Acad. Nac. Cienc. Cordoba

Hosseus, C.C.
Flora argentina. Estudios comparativos sobre la vegetatción de las provincias de la Rioja y de San Juan. Bol. Acad. Nac. Cienc. Cordoba 26: 5-160 illus. 1921 (Rec'd Je.1922) no.1

Bol. Camara Agr. Costa Rica

Montealegre, M.R.
Enfermedades del café. La maya o hilo blanco de las raíces Bol. Camara Agr. Costa Rica 2: 193-201 June 1922 no.5

Bot. Jahrb. Engl.

Lauterbach, C.A.G.
Beiträge zur flora von Papuasien VIII Bot. Jahrb. Engl. 57: 401-528 illus. My.1922 no.4
Diels, L. Die Myrtaceen (concl.). - Diels, L. Beiträge zur kenntnis der combretaceen. - Diels, L. Die aus Papuasien bekannten theaceen. - Diels, L. Die dilleniaceen. - Diels, L. Die dipterocarpaceen. - Krause, K. Die loranthaceen. - Diels, L. Die Bignoniaceae. - Winkler, H. Die urticaceen.

Bull. Dept. For. Penn.

Illick, J.S.
Woody plants of Franklin County, Pennsylvania. Bull. Dept. For. Penn. no.21 (rev.) 42 p. 1921

Bull. Jard. Bot. Buitenzorg.

Alderwerelt van Rosenburgh, C.R.W.K. van
New or noteworthy Malayan Araceae 3. Bull. Jard. Bot. Buirenzorg III, 4: 320-347 illus., pl.16 Ap.1922 no.2

Alerwerelt van Rosenburgh, C.R.W.K. van
Two new Malayan fern genera Bull. Jard.Bot. Buitenzorg III, 4: 317-319 pl.14-15 Ap.1922 no.2
Parasorus undulatus, Grammatopteris brooksii var. beguinii, G. pseudodrymoglossum

Bakhuizen van den Brink, R.C. & H.J.Lam
Index verbenacearum quae anno 1921 in horto botanico bogoriensi coluntur Bull. Jard. Bot. Buitenzorg III, 4: 283-287 Ap.1922 no.2

Gorter, Klaas
Sur la substance mère du jaune indien Bull. Jard. Bot. Buitenzorg III, 4: 260-267 Ap.1922 no.2

Slooten, D.F. van
Index combretacearum quae anno 1921 in horto botanico bogoriensi coluntur Bull. Jard.Bot. Buitenzorg III, 4: 281-282 Ap.1922 no.2

Slooten, D.F. van
Index flacourtiacearum quae anno 1921 in horto botanico bogoriensi coluntur Bull. Jard.Bot. Buitenzorg III, 4: 279-280 Ap.1922 no.2

Ulteé, A.J.
In memoriam Dr. K. Gorter Bull. Jard. Bot. Buitenzorg III, 4: 247-259 port. Ap.1922 no.2
Liste chronologique des publications: 257-259

Ulteé, A.J.
Zur identität des Xanthosterins mit dem Lupeol Bull. Jard. Bot. Buitenzorg III, 4: 315-316 Ap.1922 no.2

Bull. Misc. Inform. Kew.

Lankester, C.H.
A short trip on Mt. Elgon, Uganda Bull. Misc. Inform. Kew 1922; 145-148 1922 no.4

New species from Mount Everest Bull. Misc. Inform. Kew 1922: 149-155 no.4
Collected by A.F.R.Wollaston

Piper, C.V. & S.T.Dunn
A revision of Canavalia Bull. Misc. Inform. Kew 1922: 129-145 illus. 1922 no.4

Sprgue, T.A.
Pelargonium citriodorum Bull. Misc. Inform. Kew 1922: 155-156 no.4

Bull. Soc. Bot. Ital.
Peyronel, Beniamino
Altri nuovi casi di rapporti micorizici tra fanerogame e basidiomiceti Bull. Soc. Bot. Ital. 1922, p.50-52 no.4

Trotter, Alessandro
Intorno ad un Synchytrium dell'Helianthemum salicifolium (L.) Mill. Bull. Soc. Bot. Ital. 1922 p.53-55 no.4

Bull. Soc. Hist. Nat. Afr. Nord
Braun-Blanquet, Josias & Maire, René
Contributions à l'étude de la flore marocaine II Bull. Soc. Hist. Nat. Afr. Nord. 13: 180-195 1922 no.5

Lievre, L.
Sur un nouvel hybride de l'Ophrys fusca L.K. et de l'O. lutea Cav. Bull. Soc. Hist. Nat. Afr. Nord. 13: 196 1922 no.5

Bull. Torr. Club
Graff, P.W.
Unreported plants from Glacier National Park Bull. Torr. Club 49: 175-181 June 1922 no.6

Osterhout, G.E.
Two new plants from western Colorado Bull. Torr. Club 49: 183-184 June 1922 no.6
Nuttullia marginata, Acrolasia humilis

Overholts, L.O.
Mycologicial notes for 1920 Bull. Torr. Club 49: 163-173 illus., pl.9 June 1922 no.6
Contr. Dept. Bot. Penn. State Coll. no.38

Il Coltiv.
Ciferri, R.
La "Monilia cinerea pers.", sulle foglie del pesco Il Coltiv. 68: 501-502 June 10, 1922 no.16

Gabotto, Luigi
Il vaiolo delle barbabietole da zucchero Il Coltiv. 68: 489-495 illus. June 10, 1922 no.16
Cercospora

Manaresi, Angelo
Un raro caso di aborto traumatico Il Coltiv. 68: 495-500 June 10, 1922 no.16

Compt. Rend. Acad. Sci. Paris
Bouget, Joseph
Observations sur l'optimum d'altitude pour la coloration des fleurs Compt. Rend. Acad. Sci. Paris 174: 1723-1724 June 26, 1922 no.26

Costantin, Julien
Sur l'hérédité acquise Compt. Rend. Acad. Sci. Paris 174: 1659-1662 June 26, 1922 no.26

Dangeard, P.A.
Recherches sur la structure de la cellule dans Les Iris Compt. Rend. Acad. Sci. Paris 174: 1653-1659 illus. June 26,1922 no.26

Dufrenoy, Jean
Sur la tuméfaction et la tubérisation Compt. Rend. Acad. Sci. Paris 174: 1725-1727 illus. June 26, 1922 no.26

Jumelle, Henri
Le groupe du Chrysalidocarpus lutescens Compt. Rend. Acad. Sci. Paris 174: 1674-1677 June 26, 1922 no.26.

Compt. Rend. Acad. Sci. Paris

Jonesco, Stan
Sur la répartition des anthocyanidines dans les organes colorés des plantes Compt. Rend. Acad. Sci. Paris 174:1635-1637 June 19, 1922 no.25

Nobécourt, Pierre
Sur le mécanisme de l'action parasitaire du Penicillium glaucum Link et du Mucor stolonifer Ehrb. Compt. Rend. Acad. Sci. Paris 174: 1720-1722 June 26, 1922 no.26

Cultura

Quanjer, H.M.
Een proef over de beteekenis van ziekten en ziekteverspreiding bij de pootgoedverwisseling, genomen door het Instiuut voor Phytopathologie in 1920 en 1921 Cultura 34: 135-141 May 1922 no.404

Deut. Landw. Presse

Molz, Emil
Ueber eine weitverbreitete roggenerkrankung Deut. Landw. Presse 49: 284 illus. My.24,1922 no.41.
Mitt. Versuchsstat. Pflanzenk. Halle a. S.
"Calcipenurie"

Flora

Demeter, Karl
Vergleichende asclepiadeenstudien Flora 115: 130-176 illus. 1922 no.2/3
Literatur: 176

Gaisberg, E. von
Zur deutung der monokotylenblätter als phyllodien, unter besondererberücksichtigung der arbeit von A. Arber; "The phyllode theory of the monocotyledonous leaf, with special reference to anatomical evidence" Flora 115: 177-190 pl.1-3 1922 no.2/3
Literaturverzeichnis: 188

Kirchner, Oskar von
Uber selbstebestäubung bei den orchideen Flora 115: 103-129 1922 no.2/3
Benutzte literatur: 127-129

Troll, Wilhelm
Über staubblatt- und griffelbewegungen und ihre teleologische deutung Flora 115: 191-250 illus., pl.4-6 1922 no.2/3
Verzeichnis der zitierten literatur: 247-248

Flow. Grow.

Brown, C.W.
Gladiolus nomenclature Flow. Grow. 9: 189 July 1922 no.7

Rollins, William
Making colored stereoscopic portraits of flowers by the autochrome process Flow. Grow. 9: 182-185 illus. July 1922 no.7

Gard. Chron.

Brotherston, R.P.
The Manse garden Gard. Chron. 71: 320-321 June 17, 1922 no.1851

Robertson Proschowsky, A.
Palms of the Riviera (cont.) Livistona Gard. Chron.III, 71: 317 June 17, 1922 no.1851

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.17. The Shin-lu. Gard. Chron. III, 71: 321-322 June 17, 1922 no.1851

Garden Mag.
MacDougal, D.T.
The autograph of an ash tree   Garden Mag.
35: 313-315   illus.   July 1922   no.5

Hoppe-Seyl. Zeitschr. Phys. Chem.
Franzen, Hartwig & Ostertag, Rudolf
Uber die chemischen bestandteile grüner pflanzen
XVIII. Über die durch bleiacetat fällbaren säuren
der vogelbeeren (Pirus aucuparia)   Hoppe-Seyl.
Zeitschr. Phys. Chem. 119: 150-165   April 20, 1922
no.4/6

Jahrb. Wiss. Bot.
Gradmann, Hans
Die fünfphasenbewegung der ranken   Jahrb. Wiss.
Bot. 61: 169-204   illus.   1922   no.2
Literatur: 204

Heilbronn, Alfred
Eine neue methode zur bestimmung der viskosität
lebender protoplasten   Jahrb. Wiss. Bot. 61:
284-338   1922   no.2
Literaturübersicht: 336-338

Neeff, Fritz
Uber polares wachstum von pflanzenzellen
Jahrb. Wiss. Bot. 61: 205-283   illus.   1922
no.2

Journ. Bath & West & South Co. Soc. Agr.
Priestley, J.H.
Do plants exhibit senescence?   Journ. Bath
West & South Co. Soc. V, 16: 46-56   1922

________(Rep. Nat. Fruit & Cider Inst. 1921)
Barker, B.T.P., A.H.Lees, T. Wallace & S.P.Wiltshire
Leaf scorch of fruit trees   Journ. Bath, West &
South Co. Soc. V, 16: 189-237   1922.

Lees, A.H.
The association of black currant mite (Eriophyes
ribis) with reversion disease   Journ. Bath, West
& South Co. Soc. V, 16: 237-241   1922

Lees, A.H.
The influence of reversion (nettle leaf) on successful black currant growing   Journ. Bath,
West & South Co. Soc. V, 16: 180-182   1922

Lees, A.H.
Red plant disease of strawberries   Journ. Bath,
West & South Co. Soc. V, 16: 183-184   1922
Cause undetermined, probably physiological.

Wiltshire, S.P.
Canker control trials   Journ. Bath, West &
South Co. Soc. V, 16: 269-272   1922

Wiltshire, S.P.
The Michelmas daisy disease   Journ. Bath, West
& South Co. Soc. V, 16: 272-274   pl.   1922

Journ. Biol. Chem.
Johns, C.O., L.H.Chernoff & Arno Viehoever
A saponin from Agave lechuguilla Torrey
Journ. Biol. Chem. 52: 335-347   May 1922   no.1
Bibliography: 347

Journ. Dept. Agr. So. Africa
Lunsdell, K.A.
Weeds of South Africa   VII Dodder   Journ. Dept.
Agr. So. Africa 4: 534-541   illus.   Je.1922   no.6

Stent, S.M.
Dubbeltje (Tribulus terrestris) and geeldikkop
in sheep   Journ. Dept. Agr. So. Africa 4: 548-
551   illus.   Je.1922   no.6

Journ. Dept. Agr. Victoria

Davey, H.W.
Weeds and their eradication Perennial Californian thistle, Carduus arvensis Journ. Dept. Agr. Victoria 20: 289-294 illus. May 1922 no.5

Journ. For.

DuMond, F.L.
Branch orders and tolerance Journ. For. 20: 448-462 May 1922 [July] no.5

Garratt, G.A.
Poisonous woods Journ. For. 20: 479-487 May 1922 [July] no.5

Wherry, E.T.
Soil acidity preferences of some eastern conifers Journ. For. 20: 488-498 May 1922 [July] no.5

Journ. Ind. & Engin. Chem.

Schmitz, Henry
Studies in wood decay. III. The toxicity of western yellow pine crude oil to Lenzites Saepiaria Fries Journ. Ind. & Engin. Chem. 14: 617-618 July 1922

Magyar Bot. Lap.

Degen, A. v.
Megjegyzések néhány keleti növényfajröl (Bemerkungen über einige orientalische pflanzenarten) Magyar Bot. Lap. 19: 15-23 1922
LXXXI Ueber einige orientalische Thymus-arten

Degen, A. v.
Megjegyzések néhány keleti növényfajröl (Bemerkungen über einige orientalische pflanzenarten) Magyar Bot. Lap. 19: 48 1922
LXXXII. Galium stojanovii n.sp.

Jávorka, Sandor
Lunaria telekiana Jáv. n.spec. Magyar Bot. Lap. 19: 1-2 1922

Moesz, Gusztav von
Hazslinszky némely rozsdagombájának megfejtése (Berichtigung der bestimmungen einiger rostpilze) Magyar Bot. Lap. 19: 10-15 1922

Rezsö, Soó
A Saponaria L. nemzetség hazánkban és a Saponaria officinalis L. alakköre (Die gattung Saponaria in Ungarn u. der formenkreis der S. officinalis L.) Magyar Bot. Lap. 19: 42-47 1922

Urumov, I.K.
Neue und seltene pflanzen Bulgariens I Magyar Bot. Lap. 19: 33-40 1922
Oxytropis urumovii, Centaurea achtarovii n.sp.

Wagner, Johannes
Adatok hazánk flórájához (Beiträge zur flora von Ungarn) Magyar Bot. Lap. 19:31-32 1922
Centaurea

Missouri Bot. Gard. Bull.

Plants of our local flora which have been used by man as food Missouri Bot. Gard. Bull. 10: 102-110 Je.1922 no.6

White red-bud. Missouri Bot. Gard. Bull. 10: 110 pl.13 Je.1922 no.6

Monatsschr. Kakteenk.

Harms, Hermann
Ueber das vorkommen von sukkulenten in Madagaskar Monatsschr. Kakteenk. 32: 73-76 My.1922 no.5

Schwantes, G.
Zur kultur der Mesembrianthemen (schluss) Monatsschr. Kakteenk. 32: 65-79 My.1922 no.5

Monatsschr. Kakteenk.
Vaupel, Friedrich
Leopold Quehl Monatsschr. Kakteenk. 32:
76-79 port. My.1922 no.5

Naturw. Wochenschr.
Wächter, W.
August Schulz Naturw. Wochenschr. n.f.,
21: 297-301 My.28,1922 no.22

New Zeal. Journ. Agr.
Cunningham, G.H.
Silver-blight, Stereum purpureum Pers., its
appearance, cause, and preventive treatment
New Zeland Journ. Agr. 24: 276-283 illus.
May 20, 1922 no.5

Philipp. Agr.
Agati, J.A.
Banana stem and fruit rot Philipp. Agr. 10:
411-422 Apr.1922 no.9
Bibliography: 421-422

Proc. Wash. State Hort. Assoc.
Fisher, D.F.
Lessons from the 1921 mildew epidemic Proc.
Wash. State Hort. Soc. 17 (1921): 162-171 1922

Heald, F.D.
The parasitic diseases of tree fruits in Washington Proc. Wash. State Hort. Soc. 17 (1921):
145-155 1922

Rev. Facul. Agron. & Vet. Univ. Buenos Aires
Hauman, Lucien & L.R.Parodi
Los parásitos vegetales de las plantas cultivadas en la Republica Argentina Rev. Facul.
Agron. y Vet. Univ. Buenos Aires 3: 227-274
illus. D.1921 no.3
Bibliografia: p.270-274

Science
Barnum, C.C.
Stem end rot of apples Science 55: 707-708
June 30, 1922 no.1435

Welles, C.G.
Bacterial plant diseases in the Philippine Islands Science 56: 18 Jl.7,1922 no.1436
Bacterial disease scarce, especially on hosts
which have not been introduced from a temperate
climate.

Staz. Sper. Agr. Ital.
Calvino, E.M.
Studi anatomici e fisiologici sulla canna da
zucchero Staz. Sper. Agr. Ital. 54: 345-395
illus. 1921 [Rec'd July 1922] no.11/12
Bibliografia; 394-395

Casella, Domenico
Studio sul polline delle piante da frutta
Staz. Sper. Agr. Ital. 54: 474-494 1921 [Rec'd
July 1922] no.11/12

Ippolito, Giulio d'
Sulle cause probabili che producono la sterilità
nelle spighe di frumento Staz. Sper. Agr. Ital.
54: 458-465 1921 [Rec'd July 1922] no.11/12

Montalto, Marco
Sull'Orobanche della fava Staz. Sper. Agr.
Ital. 54: 466-468 1921 [Rec'd July 1922] no.11/12

Tidsskr. Planteavl.
Gram, Ernst & Rostrup, Sofie
Oversigt over sygdomme hos landbrugets og havebrugets kulturplanter i 1921 Tidsskr. Planteavl 28: 185-246 1922 no.2
English summary: 245-246

U.S. Dept. Agr. Bull.

Magness, J.R.
The handling, shipping, and cold storage of Bartlett pears in the Pacific coast states U.S. Dept. Agr. Bull. 1072 16 p. June 17,1922

Exper. Stat. Publ.

Clinton, G.P. & F.A.McCormick
Wildfire of tobacco in Connecticut Conn. Agr. Exp. Stat. Bull. 239: 365-423 pl.29-32 May 1922
Literature: 422-423

Filley, W.O. & H.W.Hicock
Control of white pine blister rust in Connecticut Conn. Agr. Exp. Stat. Bull. 237: 305-326 pl.23-26, map Feb.1922 [Rec'd Jul.1922]
Forestry Pub. no.13

Melhus, I.E., S.M.Dietz & Florence Willey
Alternate hosts and biologic specialization of crown rust in America Iowa Agr. Exp. Stat. Res. Bull. 72: 211-236 illus. Jan.1922
Bibliography: 235-236

Poole, R.F.
Recent investigations on the controf of three important field diseases of sweet potatoes New Jersey Agr. Exp. Stat. Bull. 365 39 p. illusl Ap.1922
Yellows or stem rot; ground rot - "pit" or "pox" scurf or soil stain.

Brainerd, Ezra
Violets of North America. Introduction by G.P. Burns. Vermont Agr. Exp. Stat. Bull. 224 172 p. illus., col.plates D.1921
Publications by Ezra Brainerd on Viola: p.172

New Books

Fruwirth, C.
Handbuch der landwirtschaftlichen pflanaenzüchtung 4. aufl. v.3 1922

Reprints from Journals not yet rec'd or not available

Eriksson, Jakob
La théorie du mycoplasma, Sa portée scientifique et sa perspective partique Reprinted from Bull. Mens. Rens. Agr. & Malad. Plantes Inst. Intern. Agr. v.13, no.3 Mr.1922 12 p. 4 pl. On 2.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 88.
Indexed - July 17-29,1922.

LIBRARY
RECEIVED
★ AUG 5 1922 ★
U.S. Department of Agriculture

Addisonia
Addisonia v.7, no.1 Mr. 1922 [July]

Aria latifolia	col.	pl.	225
Eucrosia morleyana	"	"	226
Nicotiana forgetiana	"	"	227
Billbergia saundersii	"	"	228
Hamamelis mollis	"	"	229
Verberna erinoides	"	"	230
Styrax japonica	"	"	231
Tradescantia virginiana	"	"	232

Agric. Colon.
Pollacci, Gino
Sulle acacie da tannino Agr. Colon. 16: 219-227 Je.1922 no.6
Bibliografia dell'argomento, elenco delle opere consultate in ordine alfabetico: p. 226-227

Agron. Colon.
Marquès, A.
Une industrie nouvelle en Hawaï. La fécule des fougères arborescentes Agron. Colon. 6: 185-191 Je.1922 no.54

Maublanc, André
La pourriture brune du caczayer Agron. Colon. 6: 177-184 illus., pl. Je.1922 no.54
Principaux ouvrages a consulter: p. 184

Analyst
Bolton, E.R. and Hewer, D.G.
Certain tropical oilseeds Analyst 47: 282-284 Jl.1922 no.556

Ann. Missouri Bot. Gard.
Burt, E. A.
Some North American Tremellaceae, Dacryomycetaceae and Auriculariaceae Ann. Missouri Bot. Gard. 8: 361-396 illus., pl. 3 N.1921[Jl.1922] no.4.

Duggar, B. M and Karrer, J.L.
The sizes of the infective particles in the mosaic disease of tobacco Ann. Missouri Bot. Gard. 8: 343-356 N.1921 [Jl.1922] no.4.
Bibliography: p. 356

Rosen, H.R.
Tilletia texana in Missouri Ann. Missouri Bot. Gard. 8: 357-359 N.1921 [Jl.1922] no.4

Ann. Rep. Dept. Agr. Bombay
Ajrekar, S.L.
Report of work done under the plant pathologist 1920-21 Ann. Rep. Dept. Agr. Bombay Pres. 1920/21 p.121-122 1922
Position created D.18,1920

Ann. R. Staz. Sper. Agrum. e Fruttic. Acireale
Savastano, Luigi
II. Contributo allo studio critico degli scrittori agrari Italici - Pietro dei Crescenzi Ann. R. Staz. Sper. Agrum. e Fruttic. Acireale 5: 1-132 pl. (facsim.) 1922
Bibliografia Crescenzia: p.120-129

Arch. Rubbercult. Nederl.-Ind.
Dillen, L.R. van and Gandrup, Johannes
Een kleurmiddel voor desinfectantia bij de behandeling van streepjeskanker Arch. v. Rubbercult. 6: 220-225 Je.1922 no.6
Meded. van het Besoekisch Proefstation. Rubberserie no.26
English summary: p. 225

Beih. Bot. Centralbl.
Hallier, Hans
Beiträge zur kenntnis der Linaceae (D.C.1819) Dumort. Beih. Bot. Centralbl. abt.2, 39: 1-178 D.1921 no.1

Biochem. Zeitschr.
Turina, Bozó
Vergleichende versuche über die einwirkung der selen-, schwefel- und tellursalze auf die pflanzen (nebst bemerkungen zu der frage, ob die allgemeine ansicht von der absorption der anorganischen stoffe durch das wurzélsystem zu ändern ist) Biochem. Zeitschr. 129: 507-533 illus. 1922 no.5/6

Bull. Deli Proefst. Medan, Sumatra
Palm, B. T.
De mozaiekziekte van de tabak een chlamydozoonose Bull. Deliproefst. Medan-Sumatra 15 10p. 1922
English resumé: p.7-10
Strongyloplasma iwanowskii

Bull. Imp. Inst. Gt. Brit.

South American oil seeds. Bull. Imp. Inst. 20: 1-5 1922 no.1
Cupu seeds (Theobroma grandiflorum), Hymenaea fruits, Parinarium seeds, Platonia seeds

Bull. Mus. Hist. Nat. Paris
Benoist, Raymond
Description d'espèces nouvelles d'Acanthacées d'Indo-Chine. Bull. Mus. Hist. Nat. Paris 27: 543-547 1921 no.7
Thunbergia eberhardti n. sp. & new species in Strobilanthes

Benoist, Raymond
Descriptions d'espèces nouvelles du genre Strobilanthes (Acanthacées) Bull. Mus. Hist. Nat. Paris 28: 94-99, 186-190 1922 no.1

Camus, Aimée
Un genre nouveau de bambusées Bull. Mus. Hist. Nat. Paris 28: 100-102 illus. 1922 no.1
Neohouzeaua: N. mekongensis, N. dulloa

Camus, Aimée
Un Spodiopogon nouveau d'Asie Bull. Mus. Hist. Nat. Paris 27: 551 1921 no.7.
S. duclouxii

Cardot, Jules
Notes sur des espèces asiatiques des genres Stranvaesia, Raphiolepia, Amelanchier, Osteomeles et Parinarium. Bull. Mus. Hist. Nat. Paris 28: 191-193 1922 no.2

Chermezon, H.
Sur quelques cypéracées nouvelles de céntre de Madagascar Bull. Mus. Hist. Nat. Paris 27: 552-554 1921 no.7
Mariscus andringitrensis, Pycreus reductus, Cyperus nemoralis, C. micranthus n. sp.

Denis, Marcel
Une nouvelle euphorbiée africaine: Monadenium Le Testuanum nov. sp. Bull. Mus. Hist. Nat. Paris 28: 194-195 1922 no.2

Gérôme, Joseph
Essais de culture de pomme de terre au Muséum Bull. Mus. Hist. Nat. Paris 27: 563-568 1921; 28: 111-116 illus. 1922 no.7, 1.

Bull. Mus. Hist. Paris (cont.)

Guillaumin, André
Contribution à la flore de la Nouvelle-Calédonie XXXVI-VIII Bull. Mus. Hist. Paris 27: 558-562 1921; 28: 103-108, 196-198 1922 no.7, no.1-2.
Grevillea pronyensis, Baloghia anisomera, Boronia pronyensis, Franciella (n.g.) F. pterocarpon, Notelaea francii n. sp.

Lecomte, Henri
Au sujet du Faguetia, anacardiacée de Madagascar Bull. Mus. Hist. Nat. Paris 28: 182-183 1922 no.2

Lecomte, Henri
Deux Sapotacées nouvelles de Madagascar Bull. Mus. Hist. Nat. Paris 28: 87-88 1922 no.1
Sideroxylon tampinense, Mimusops silvestris

Lecomte, Henri
Une sapotacée de Madagascar en voie de disparition Bull. Mus. Hist. Nat. Paris 28: 184-185 1922 no.2.
Sideroxylon gerardianum (Hook.f.) H.Lec.

Pellegrin, François
Plantae letestuanae novae ou plantae nouvelles récoltées par M. Le Testu de 1907 à 1919 dans le Mayombe congolais IV Bull. Mus. Hist. Nat. Paris 28: 89-93 1922 no.1
Dichapetalum Le Testui, D. nyangense, D. malembense, Tapura Le Testui, Rhaptopetalum sindarense, Salacia Le Testui n. sp.

Compt. Rend. Acad. Sci. Paris

Bugnon, Pierre
Sur l'accéleration basifuge dans l'hypocotyle Compt. Rend. Acad. Sci. Paris 175: 43-45 Jl.1922 no.1

Dangeard, P. A.
Sur la structure de la cellule chez les Iris Compt. Rend. Acad. Sci. Paris 175: 7-12 illus. Jl.1922 no.1

Lesage, Pierre
Expériences pour servir à l'étude du mouvement des liquides dans les massifs cellulaires Compt. Rend. Acad. Sci. Paris 175: 47-50 Jl.1922

Nicolas, Gustave
Un nouvel hôte du Phyllosiphon Kühn Compt. Rend. Acad. Sci. Paris 175: 46-47 Jl.1922 no.1
On Arum italicum

Vilmorin, Jacques de and Cazaubon
Sur la catalase des graines Compt. Rend. Acad. Sci. Paris 175: 50-51 Jl.1922 no.1

Contr. U. S. Nat. Herb.

Standley, P. C.
Trees and shrubs of Mexico (Fagaceae - Fabaceae) Contr. U. S. Nat. Herb. v. 23, pt.2, p.171-515. Jl. 14, 1922.

Deut. Landw. Presse

Frohberg, A.
Nochmals: das gelbwerden der wintergerste Deut. Landw. Pr. 49: 296 illus. My.31,1922. no.43

Pape, Heinrich
Kohlkrankheiten Deutsche Landw. Pr. 49: 302-303 col. pl. Je.3,1922 no.44
. Echter mehltau- Blattlausbefall - Braun- oder schwarzfäule (adernschwärze)

Deut. Obstb. Zeit.

Bekämpfung des schten und falschen meltaus
Deut. Obstbauz. 68: 224-226 Je.15,1922
Erfahrungen mit präzipitiertem schwefel. Von A
Janson. - Bekämpfung von meltau an der rebe [von]
Wüstenhagen- Bekämpfung des echten (Oidium) und des
falschen (Peronospora) meltaus der rebe. - Solbar
gegen meltau und schorf. - Kurtakol

Esmarch, F.
Organisierte schädlingsbekämpfung im obstbau
Deut. Obstbauz. 68: 194-196 Je.1922 no.21/22

Kessler,
Beitrage zur frage der widerstandfähigkeit gewisser obstsorten gegen erkrankungen Deut. Obstbauz. 68: 197-200 Je.1922 no.21-22

Nordmann,
Der apfelmehltau und seine bekämpfung Deut.
Obstbauz. 68: 202-203 Je.1922 no.21/22

Schaffnit, Ernst
Versuche über die empfänglichkeit verschiedener
kohlsorten für den erregen der kohlhernie Deut.
Obstbau. 68: 211-212 Je.1922 no.21/22

Schaffnit, Ernst
Der kartoffelkrebs Deutsche Obstbauz. 68:
212-213 illus. Je.1922 no.21/22

Stuch, P.
Die Monilia an obstbäumen Deut. Obstbauz.
68: 204-205 illus. Je.1922 no.21/22

Stutzer, Albert
Die bedeutung des kalks als schutzmittel gegen
parasiten und gegen erreger von nichtparasitären
pflanzenkrankheiten Deut. Obstbauz. 68: 206-207 Je.1922 no.21/22

Gard. Chron.

Brown, N. E.
Mesembryanthemum and some new genera separated
from it (cont.) Gard. Chron. III, 72: 8, 24.
illus. Jl.1, 8, 1922. no. 1853-4.
Conophytum (cont.)

Jacob, Joseph
Gardeners' calendars Gard. Chron. III, 72:
20-21 Jl.8,1922 no.1854
no.1 Evelyn, Miller, Abercrombie.

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia no.18
The limestone cliffs of Mu-li. Gard. Chron.III
72: 6-7 Jl. 1,1922 no.853

Gartenw.
Laubert, Richard
Wo kann sich der gärtner über pflanzenkrankheiten
und schädlinge belehren? Gartenw. 26: 247-248
Je.16,1922 no.24
List of more recent books in German

Geogr. Journ.
Wollaston, A. F. R.
The natural history of south-western Tibet
Geogr. Journ. 60: 5-15. plates Jl.1922 no.1
Discussion of paper: p. 14-20

Geogr. Rev.
Shantz, Homer L.
Urundi, territory and people. Geogr. Rev. 12:
329]357 illus.incl.maps Jl.1922

Hoppe-Seyl. Zeitschr. Phys. Chem.
Kiesel, Alexander
Beitrag zur kenntnis der bestandteile der pollen-
körner von Pinus silvestris Hoppe-Seyl. Zeitschr.
Phys. Chem. 120: 85-83 Je.1922 1/3
Bibliographical foot notes

House and Gard.
Davey, John
Operating on trees. The ills and injuries made by
pests, the elements and man often require drastic
surgery. House & Gard. v.42, no.2, p.52-53
86 illus. Ag.1922

Journ. Amer. Chem. Soc.
McHargue, James Spencer
The role of manganese in plants Journ. Amer.
Chem. Soc. 44: 1592-1598 illus. Jl.1922

Journ. Ind. Bot.
Bose, S. R.
Geographical distribution of the Bengal species of
Polyporaceae along with a short history of them in
Bengal Journ. Indian Bot. 3: 19-21 My.1922

Fyson, P. F.
The Indian species of Eriocaulon (cont.)
Journ. Indian Bot. 3: 12-18 pl.42-51 My.1922

Kulkarni, Gopal Subrao
Smut (Ustilago paradoxa Syd. and Butl.) on sawn
(Panicum frumentaceum Roxb.) Journ. Indian Bot.
3: 10-11 My.1922

Journ. Min. Agr. Gt. Brit.
Salmon, E. S.
Hop "canker" or "growing-off" Journ.Min.
Agr. Gt. Brit. 29: 354-359 pl. Jl.1922
H. Wormald - joint author
Caused by Fusarium parasiticum

Whitehead, T.
Varieties of Swedes resistant to finger-and-toe
Journ. Min.Agr. Gt. Brit. 29: 26: 362-388 Jl.1922

Journ. N.Y. Bot. Gard.
Small, John K.
The saw-cabbage palm, the history and distribution
of Paurotis wrightii Journ. New York Bot. Gard.
23: 61-70 pl.271-273 My./Je. 1922
Biographical notes by J.H.Barnhart

Landw. Jahrb.
Schaffnit, Ernst
Zur bekämpfung der pilzkrankheiten des getreide-
korns Landw. Jahrb. 57: 259-283 My.1922

Louisiana Plant.
Veve, R. A.
The efficiency of the "roguing" method for the
eradication of the mottling disease Louisiana
Plant. v. 69, no.2, p. 30

Meded. Landbouwhoogesch. Wageningen
Giltay, E.
Pflanzenphysiologische demonstrationen Meded.
Landbouwhoogesch. Wageningen v. 22, no.2 14 p.
4 pl. 1922

Meded. Landbouwhoogesch. Wageningen (cont.)

Sirks, M.J.

Die farbenfaktoren der samenschalenvon Phaseolus vulgaris L. und P. multiflorus Willd. Meded. Landbouwhoogesch. Wageningen v.23, no.4, 40 p. 3 col. pl. 1922

Zitierte literatur: p. 39-40

Meded. Stat. Siogsförsöksanst.

Romell, L. G.

Luftväxlingen i marken som ekologisk faktor (Der luftwechsel im boden als ökologischer faktor) Medd. Stat. Skogsförsöksanst. 19: 125-359 1922

German resumé: p. 281-355

Litteraturförteckning: p. 273-280

Month. Bull. Dept. Agr. Calif.

Batchelor, L. D.

Winter injury to young walnut trees 1921-22 Month. Bull. Dept. Agr. Calif. 11: 445-449 illus. My./Je.1922 no.5/6

Essig, E. O.

Nematodes attacking dahlia tubers. Month. Bull. Dept. Agr. Calif. 11: 465-466 illus. My./Je. 1922 no.5/6

Milbrath, D. G.

Control of diseases of cucumbers in greenhouses Month. Bull. Dept. Agr. Calif. 11: 430-437 illus. My./Je.1922 no.5/6

Naturwissenschaften

Boresch, Karl

Photokatalysen in pflanzen Naturwissenschaft. 10: 505-512 Je.2,1922 no.22

Literatur: p. 512

Naturw. Wochenschr.

Fischer, Hugo

Bemerkungen über standorte und verbreitung der deutschen farnkräuter Naturw. Wochenschr. n.f., 21: 337-346 Je.18,1922 no.25

Regel, Constantin

Ueber den ursprung der getreidearten Naturw. Wochenschr. n.f., 21: 328-330 Je.11,1922 no.24

New Zeal. Journ. Sci. & Techn.

Curtis, K. M.

Ascospore ejection of the apple and pear black spot fungi New Zeal. Journ. Sci. & Techn. 5: 83-90 My.1922 no.2.

Parfum. Mod.

Gattefossé, Jean

Huiles essentielles nouvelles du Tonkin et de l'Annam. Parfum. Mod. 15: 107-111 illus. Je. 1922

Appendice: Description botanique du may-chang, du san-mou et du pe-mou [par] F. Gagnepain.

Philipp. Journ. Sci.

Lee, H. A.

Relation of the age of citrus tissues to the susceptibility to citrus canker. Philippine Journ. Sci. 20: 331-339 4 pl. Mr.1922 [Rec'd Jl.] no.3

McLean, F. T. and Lee, H. A.

Pressures required to cause stomatal infections with the citrus-canker organism Philippine Journ. Sci. 20: 309-320 illus. Mr.1922 [Rec'd.Jl.]

Welles, C. G.

Identification of bacteria pathogenic to plants previously reported from the Philippine islands Philipp. Journ. Sci. 20: 279-285 Mr.1922 [Rec'd. Jl.] no.3

Literature cited: p. 284-285

Bacterial wilt of solanaceous plants (B. sola-

(see next sheet)

Philipp. Journ. Sci. (cont.)

Welles, C. G.
Identification of bacteria pathogenic to plants previously reported from the Philippine islands Philipp. Journ. Sci. 20: 279-285 Mr.1922 [Rec'd. Jl.] no.3
Literature cited: p. 284-285
Bacterial wilt of solanaceous plants (B. solanacearum); bacterial disease of bean (Pseudomonas phaseoli); bacterial disease of cotton (Bacterium malvacearum); Bacterium wilt of parsley (Bacillus nelliae n. sp.)

Phytopath.

Bisby, G.R., Clayton, E.E., Martin, W.H., Rosa, J.T. jr., Stokdyk, E.A.
The cooperative potato spraying project: report for 1921 Phytopath. 12: 241-248 My.1922 [Jl.] no.5.

Harter, L.L. and Weimer, J.L.
Decay of various vegetables and fruits by different species of Rhizopus Phytopath. 12: 205-212 My. 1922 [Jl.] no.5.
Literature cited: p. 212.

Insects as disseminators of plant diseases. Phytopath. 12: 225-240 My.1922 [Jl.] no.5
Literature cited: p. 239-240
I. Results of past investigations. F.V.Rand.
II. Systematic relations of carriers. E.D.Ball.
III. Control problems. L.Caesar
IV. Urgent problems of the future. M.W.Gardner.

Rathbun, A.E.
Root rot of pine seedlings Phytopath. 12: 213-220 My.1922 [Jl.] no.5.
Literature cited: p. 220

Report of 4th annual meeting of Southern division of American phytopathological society, Atlanta, Feb. 20-22 [with abstracts] Phytopath. 12: 249-251. My.1922 [Jl.] no.5.

Spaulding, Perley
Viability of telia of Cronartium of ribicola in early winter Phytopath. 12: 221-224 My.1922 [Jl.] no.5.

Proc. Georgia-Florida Pecan Grow. Assoc.

Demaree, J. B.
Pecan kernel-spot and its relation to insect punctures. Proc. Georgia-Florida Pecan Grow. Assoc. 1922 p.4-8 illus.
Considers it due to insect and not fungus parasite

Queensl. Agr. Journ.

White, C. T.
Queensland trees no. 11 Yellow wood (Flindersia exleyana) Queensl. Agr. Journ. 17: 304-306 illus. Je.1922 no.6

Rep. Conn. Veg. Grow. Assoc.

Benham, L. M.
Strains and scab control Rep. Conn. Veg. Grow. Assoc. 1921 p.20-25 1922

Clinton, G. P.
New facts concerning diseases of vegetables and their control Rep. Conn. Veg. Grow. Assoc. 1921 p. 7-20 1922

Rep. Exp. Univ. Coll. North Wales

Whitehead, T.
Plant diseases. Rep. Exp. Univ. Coll. North Wales 1920/21 p. 40-50 1922
A. Resistance of Swedes to finger and toe or clubroot disease B. Leaf curl and mosaic disease of potatoes and their relation to deterioration in yield.

Rep. Virginia State Hort. Soc.

Roberts, J.W.

Apple scab control Rep. Virginia State Hort. Soc. 26(1921): 159-166 1922

Schoene, W. J.

Progress report of cedar rust litigation Rep. Virginia State Hort. Soc. 26(1921): 44-48 1922

Rev. Bot. Appl.

Guillaumin, André

Les variétés de soya d'extrême-orient. Origine probable du soya. Rev. Bot. Appl. 2: 254-258 Je.30,1922 no.10

Schweiz. Apoth. Zeit.

Brunner, G. E.

Paniculatin, das alkaloid von Aconitum paniculatum Lam. Schweiz. Apoth.-Zeit. 60: 357-358 no.27 Jl. 6, 1922

Science

Hedges, Florence

Bacterial pustule of soy bean Science 56: 111-112 Jl. 1922 no.1439

Bibliographical foot notes

Bacterium phaseoli var. sojense

Scient. Month.

Patch, Edith M.

Marooned in a potato field. Scient. Month. 15: 166-180 Ag.1922 no.2.

Soil Sci.

Kelley, A. P.

Plant indicators of soil types Soil Sci. 13: 411-423 Je.1922

References: p. 423

Trop. Agr.

McDonald, J.

Fungoid diseases of coffee in Kenya Colony Trop. Agr. 58: 204-207 Apr.1922

From Farmers' Journ. v.4, no.1

Petch, Thomas

Report of the mycological division [Ceylon dept. of agriculture] 1921 Trop. Agr. 58: 214-216 Ap. 1922 no.4.

Notes on coconut diseases by C.H.Gadd

Stockdale, F. A., Petch,T. & Macmillan,H.F.

Peradeniya centenary Trop. Agr. 58: 133-184 plates, ports. plans Mr.1922

Occupies the whole of no.3 of the journal

Zeitschr. Bot.

Hannig, Emil

Untersuchungen über die harzbildung in koniferennadeln Zeitschr. Bot. 14: 385-421 illus. pl.iii-iv 1922 no.6

Literatur: p. 419-420

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Christie, W.

Die vererbung gelbgestreifter blattfarbe bei hafer Zeitschr. Indukt. Abstamm. u. Vererbungsl. 27: 134-141 illus. 1921 no.2

Literatur: p. 141

Haase-Bessell, Gertraud

Digitalisstudien II Zeitschr. Indukt. Abstamm. u. Vererbungsl. 27: 1-26 pl.i 1921 no.1

Literatur: p. 25-26

Lehmann, Ernst

Ueber die selbststerilität von Veronica syriaca II Zeitschr. Indukt. Abstamm. u. Vererbungsl. 27: 161-177 1922 no.3/4

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Pease, M. S.
Some recent work on Avena. Zeitschr. Indukt. Abstamm. u. Vererbungsl. 27: 142-146 1921 no.2
Bibliography: p. 146

Schiemann, Elisabeth
Genetische studien an gerste II. Zur genetik der breitklappigen gersten Zeitschr. Indukt. Abstam. u. Vererbungsl. 27: 104-133 illus., pl.5 1921 no.2

Uphof, J.C. T.
Die farbenfaktoren von Eschscholtzia mexicana Greene Zeitschr. Indukt. Abstamm. u. Vererbungsl. 27: 227-229 1922 no.3/4

Journ. Wash. Acad. Sci.

Metcalf, F. P.
Notes on marsh and aquatic plants of Missouri Journ. Wash. Acad. Sci. 12: 307-311 Jl.19,1922 no.13

Exper. Stat. Publ.

Rudolph, B. A.
Apricot brown rot control Calif. Agr. Exp. Stat. Corr. to Circ. 238 [2] p. Je.1922

Stevens, H. E.
Avocado diseases Florida Agr. Exp. Stat. Bull. 161 23 p. illus. May 1922

Watson, J. R.
Bunch velvet beans to control root-knot Florida Agr. Exp. Stat. Bull. 163: 55-59 illus. June 1922

Stakman, E. C., Leach, J.G. and Seal, J.L.
Fruit and vegetable diseases Minnesota Agr. Exp. Stat. Bull. 199 73 p. illus. Je.1922 [Rec'd Jl. 1922]
Spraying calendar: 2 unnumb. pages at end
This is evidently a revision of Bull. 153 of the same title

Wolf, F. A.
Report of the Div. of plant pathology and bacteriology 1920/21 Ann. Rep. North Carolina Agr. Exp. Stat. 44 (1920/21) p.67-68 1922

Evans, A. T., Janssen, C. and Fowlds, Matthew
Potatoes in South Dakota So. Dakota Agr. Exp. Stat. Bull. 196: 375-415 illus. F.1922
Potato diseases: p. 396-406

New Books

Jepson, W.L.
Flora of California 1922
Pt.VI p.193-336 Cyperaceae (Eleocharis) to Orchidaceae
Pt.VII. p. 529-578 Ranunculaceae (Trautvetteria) to Fumariaceae

Koorders, S.H.
Exkursions flora von Java v.4 atlas 2. abt. familie 20-21 [Cyperaceae-Palmae] hrsg. von Frau A. Koorders-Schumacher 1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 89.
Indexed - July 31-August 12, 1922.

L[illegible]
★ AUG [illegible] 22
U.S. [illegible]

Agr. Gaz. N.S.W.
Breakwell, E.
Some useful introduced fodder plants Agr. Gaz. N.S.W. 33: 485-490 illus. Jl.1922 no.7

Amer. Flor.
Corbett, Lee Cleveland
Horticultural work of the Dept. of agriculture Amer. Flor. v.59, no.1780, p.6-7 Jl.15,1922 no.1780

Amer. For.
Record, Samuel J
Novel trees and forest products Amer. For. 28: 481-484 illus. Ag.1922 no.344

Amer. Fruit Grow.
Jackson, Herbert Spencer
Pear blight control is feasible Amer. Fruit Grow. v.42, no.8, p.3, 27, 29 Ag.1922 no.8

Amer. Nurserym.
Beattie, Rolla Kent
Protecting American nurserymen against foreign plant pests Amer. Nurserym. 36: 16-17 Jl.1922 no.1

Ann. Agr. Suisse
Faes, Henry, & M. Staehlin
Le coître de la vigne (Coniothyrium diplodiella) ou maladie de la grêle Ann. Agr. Suisse 23: 189-202 illus. 1922 no.2

La lutte contre le mildiou en 1921 Ann. Agr. Suisse 23: 217-230 1922 (P. Tonduz, joint auth.) no.2

Ann. Appl. Biol.
Bewley, W. F.
"Sleepy disease" of the tomato Ann. Appl. Biol. 9: 116-134 pl. iv-vii Je.1922
Bibliography p.133 no.2

Lacey, Margaret S.
Studies in bacteriosis. VI. Bacillus carotovorus as the cause of soft-rot in cultivated violets Ann. Appl. Biol. 9: 169-170 Je.1922 no.2

Millard, W. A.
Common scab of potatoes I Ann. Appl. Biol. 9: 156-164 pl.viii-ix Je.1922 References p.164 no.2

Priestley, Joseph Hubert
The toxic action of traces of coal gas upon plants Ann. Appl. Biol. 9: 146-155 Je.1923 References p.155 no. 2

Ann. Missouri Bot. Gard.
Burt, Edward Angus
The North American species of Clavaria with illustrations of the type specimens Ann. Missouri Bot. Gard. 9: 1-78 pl.1-11 F. 1922 [Rec'd Ag.1922] no.1

Arch. Suikerind. Ned. Indië
Gelestrepenziekte Arch. Suikerind. Ned. Indië 30: 357-364 My.1922 Three short communications, two of which deal with Aphis as carriers, by "J. K.", F. Ledeboer, and Fh. van Harreveld no.21

Australia Inst. Sci. & Ind. Bull.
A classification and detailed description of the barleys of Australia, being the second report of the special committee on seed improvement Australia Inst. Sci. & Ind. Bull. 22. 33 p. illus. 1922

Beitr. Pflanzenz

Baur, Erwin
Einige aufgeben der rebenzüchtung im lichte der vererbungswissenschaft Beitr. Pflanzenz. 5: 104-110 1922 Discussion p.110-118

Berthold,
Uber erfrieren und kältetod bei pflanzen Beitr. Pflanzenz. 5: 71-78 1922 Literatur p.78 Discussion p.78-82

Caron,
Züchtung und anbau kleberreicher winterweizen und ihre backfähigkeit Beitr. Pflanzenz. 5: 158-169 illus. 1922 Discussion p.169-170

Ehrenberg, Paul
Die wirkung der erhährung auf die entstehung von bleibenden veränderungen der pflanzen Beitr. Pflanzenz. 5: 45-67 1922 Discussion p.67-71

Freckmann, W.
Grassamenbau und gräserzüchtung Beitr. Pflanzenz. 5: 118-128 1922 Discussion p.128-134

Frölich,
Die wirtschaftliche bedeutung der pflanzenzüchtung und ihre förderung durch staat und korporationen Beitr. Pflanzenz. 5: 30-40 1922 Discussion p.40-45

Oetken, W.
Akklimatisation und vererbung erworbener eigenschaften Beitr. Pflanzenz. 5: 83-102 1922 Discussion p.102-104

Seelhorst, Conrad von
Die am Landwirtschaftlichen institut der Universität Göttingen bislang geleistete arbeit zur förderung und pflege landwirtschaftlicher pflanzenzucht Beitr. Pflanzenz. 5: 9-28. illus. 1922 Discussion p.28-29 "Pflanzenphysiologische arbeiten des Landwirtschaftlichen wersuchsfeldes der Universität Göttingen," a list of publications, p.12-14

Shull, George H.
Über die heterozygotie mit rücksicht auf den praktischen züchtungserfolg Beitr. Pflanzenz. 5: 134-152 illus. 1922 Discussion p.152-158

Zade, Adolf
Die sortenunterscheidung mit hilfe des biologischen eiweissdifferenzierungsverfahrens Beitr. Pflanzenz. 5: 170-181 1922
Discussion p.181-183

Biochem. Zeitschr.

Palladin, V. I., & Popoff, Helene
Uber die entstehung der amylase und maltase in den pflanzen Biochem. Zeitschr. 128: 487-494 Mr.28,1922 no.4/6

Prat, Silvestr
Plasmolyse und permeabilität Biochem. Zeitschr. 128: 557-567 Mr.28,1922
Literatur p.567 no.4/6

Weber, Friedl
Frühtreiben ruhender pflanzen durch Röntgenstrahlen Biochem. Zeitschr. 128: 495-507 Mr.28,1922
Literatur p.507 no.4/6

Bol. Mens. Defensa Agr. Uruguay

La Estación de patologia vegetal Bol. Mens. Defensa Agr. Uruguay 3: 63. My.1922
To develop the technical facilities of the"Defensa Agrícola," the office is authorized to establish a phytopathological station at Sayago no.5

La solución de tuna como un adhesivo en las pulverizaciones arsenicales para los insectos. Bol. Mens. Defensa Agr. Uruguay 3: 69-70 My1922 no.5

Bol. Min. Agr. Nac. Arg.

Girola, Carlos D.

Ganoderma sessili Morrill. Bol. Min. Agr. Nac. Argentina 27: 236-239 illus. Mr.1922 [Rec'd Ag.] no. 1

Sorgo de Alepo (Sorghum halepense (L.) Pers.) Bol. Min. Agr. Nac. Argentina 27: 232-235 pl. Mr.1922 [Rec'd Ag.] no.1

Spinosa, José P.

Apuntes sobre el cultivo del naranjo referidos especialmente al territorio nacional de Misiones Mr.1922 [Rec'd Ag.]

Bibliografía, p.185

Enemigos y enfermedades de los citrus. p.127-160

Brooklyn Bot. Gard. Rec.

White, O. E.

Botanical exploration in Bolivia Brooklyn Bot. Gard. Rec. 11: 93-105 Jl.1922 no.3

Bryologist

Andrews, A. L.

Hymenostomum in North America. II. The case of Astomum sullivantii. Bryologist 25: 66-71 no.4 Jl.1922

Burnham, S. H.

Lichens of the Lake George region (concluded) Bryologist 25: 72-80 Jl.1922 no.4

Emig, W. H.

Mosses of the Rocky mountains park, Banff, Alberta, Canada Bryologist 25: 61-66 Jl.1922 no.4

Bull. Jard. Bot. Buitenzorg

Cammerloher, Hermann

Index loganiacearum et buddleiacearum quae anno 1922 in Horto botanico Bogoriensi coluntur Bull. Jard. Bot. Buitenz. III, 5: 103-104 Je.1922 no.1

Gäumann, Ernst

Mykologische mitteilungen II. Bull. Jard. Bot. Buitenz. III, 5: 1-11 illus. Je.1922 no.1

Aecidium phlogacanthi, Endophyllum ixorae, Phakopsora commelinae, Ph. erythrinae, Puccinia celebica, P. tjibodensis, Uromyces ophiorrhizae and U. Phlogacanthi, new species

Smith, J. J.

Orchidaceae novae malayenses X. Bull. Jard. Bot. Buitenz. III, 5: 12-104 Je.1922 no.1

Bull. Soc. Hist. Nat. Afr. Nord

Ducellier, L.

Le Poa compressa L. en Algérie Bull. Soc. Hist. Hat. Afr. Nord 13: 205-206 Je.15, 1922no.6

Maire, René

Contributions àl'étude de la flore de l'Afrique du Nord (5. fasc.) Bull. Soc. Hist. Nat. Afr. Nord 13: 209-220 Je.15, 1922 no.6

Centralbl. Bakt. Abt. II

Meissner, Richard

Zur 50 jährigen jubelfeier der Staatl. höheren lehranstalt für wein-, obst- und gartenbau zu Geisenheim am Rhein. Centralbr. Bakt. abt.2, 56: 289-302 illus. Je.20,1922

illus. port. of Julius Wortmann

List of Wortmann's works: p.298-302 no.14/16

Stäger, Robert

Beitrag zur verbreitungsbiologie der Claviceps-sklerotien Centralbl. Bakt. abt.2, 56: 329-339 illus. Je.1922 no.14/16

Centralbl. Bakt. Abt.II (cont.)
Zikes, Heinrich
Ueber die perithezienbildung bei Aspergillus oryzae Centralbl. Bakt. abt. 2, 56: 339-343 illus. Je.1922 no.14/16

Chacaras e Quintaes
Mello Moraes,
As nossas fructeiras -- O umbuzeiro Chacaras e Quintaes 26: 33-34 illus. Jl.15, 1922 no.1
Spondias tuberosa

Compt. Rend. Acad. Sci. Paris
Lavialle, P., & Delacroix, J.
La paroi du pistil et du fruit dans le genre Euphorbia Compt. Rend. Acad. Sci. Paris 175: 179-181 Jl.17,1922

Vuillemin, Paul
Légitimité des genres Laverania et Nocardia Compt. Rend. Acad. Sci. Paris 175: 140-142 Jl.17,1922 no.3

Contr. U.S. Nat. Herb.
Blake, Sydney F.
Key to the genus Diplostephium, with descriptions of new species Contr. U. S. Nat. Herb. 24: 65-86 pl.21-28 Ag.11,1922 no.3

Country Life
Webster, A. D.
Wild plants a guide to tree growth Country Life [Lond.] 52: 91-92 Jl.22,1922 no.1333

Florida Grow.
Berger, E. W.
Apparently new entomogenous fungi from the hammock; new strains of entomogenous fungi Florida Grow. v.26, no.5, p.5 Jl.29,1922
Aschersonia spp.; localities for A. basicystis
Paper read at State horticultural meeting

Flow. Grow.
Brown, C. W.
Gladiolus nomenclature (cont.) Flow. Grow. 9: 219 Ag.1922 no.8

Gersdorff, C. E. F.
Garden notes on gladioli VI. Flow. Grow. 9: 220-221 Ag.1922 no.8

Fruit Grow. Fruiterer, Flor. & Mark. Gard.
Cuthbertson, William
Lessons for practical men from the International potato conference Fruit Grow. Fruiterer Flor. & Mark. Grow. 54: 59-60 Jl.13, 1922
Abstract of paper read at meeting of the R.H.S.
Blight and its prevention; leaf curl and mosaic; "green fly" as carrier of infection no.1389

Gard. Chron.
Brotherston, Robert P.
Calceolarias Gard. Chron. III, 72: 52 Jl.22, 1922 no.1856

Brown, N. E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 72: 54 illus. Jl.22, 1922 no.1856

Durham, H. E.
Permain apples and pomme-poire Gard. Chron. III, 72: 55 Jl.22,1922 no.1856

Moore, Frederick W.
Mr. William Watson, V.M.H.-- An appreciation Gard. Chron. III, 72: 30 port. Jl.15,1922 no.1855

Gard. Chron. (cont.)
Payne, C. H.
Gardeners' calendars Gard. Chron. III, 72: 51
Jl.22,1922
Concerning the Kalendarium hortense of Evelyn no.1856

The history of the moss rose; a critique Gard. Chron.
III, 72: 48 Jl.22,1922 no.1856

Richardson, A. D.
Dunkeld larches Gard. Chron. III, 72: 37 Jl.15,1922
no.1855

Ward, F. K.
Mr. Kingdon Ward's sixth expedition in Asia. No.19.
On the rhododendron moorland Gard. Chron. III, 72: 34
Jl.15,1922 no.1855
Mr. Kingdon Ward's sixth expedition in Asia. No.20.
The Liteng-Yalung divide Gard. Chron. III, 72: 52-53
Jl.22,1922 no.1856

Webster, A. D.
Dunkeld larches Gard. Chron. III, 72: 56 Jl.22,
1922 no.1856

Hawaiian For. & Agr.
Lyon, Harold L.
Hawaiian forests Hawaiian For. & Agr. 19: 159-162
Jl.1922 no.7

Hereditas
Åkerman, Åke
Untersuchungen über eine in direktem sonnenlichte
nicht lebensfähige sippe von Avena sativa Hereditas
3: 147-177 Jl.22,1922 no.2
Summary in English, p.175-176
Zitierte literatur, p.176-177

Dahlgren, K. F. Ossian
Selbststerilität innerhalb klonen von Lysimachia
nummularia Hereditas 3: 200-210 Jl.22,1922
Zitierte literatur, p.208-210 no.2

Kristofferson, Karl B.
Studies on Mendelian factors in Aquilegia vulgaris
Hereditas 3: 178-190 Jl.22, 1922 no.2
Literature cited, p.189-190

Nilsson-Ehle, Herman
Uber freie kombination und koppelung verschiedener
chlorophyllerbeinheiten bei gerste Hereditas 3:
191-199 Jl.22,1922 no.2

Intern. Sugar Journ.
Barber, C. A.
The classification of sugar cane varieties
Intern. Sugar Journ. 24: 350-353 Jl.1922 no.283
Review and criticism of Earle, F.S., Sugar cane
varieties of Porto Rico (1921)

Jard. Agrém.
Havaux, Jules
Les plantes envahissantes dans les jardins Jard.
Agrém. 1: 64-68 Ap.1922 no.4

Journ. Bot.
Britten, James
Ethel Sarel Gepp (1864-1922) Journ. Bot. 60:
193-195 Jl.1922 no.715

Pearson, W. H.
George Alfred Holt (1852-1921) Journ. Bot. 60:
207-208 Jl.1922 no.715

Journ. Bot. (cont.)

Tams, W.H.T.
The pollination of early spring flowers by moths
Journ. Bot. 60: 203-205 Jl.1922

Willmott, A. J.
Some remarks on nomenclature Journ. Bot. 60:
196-201 Jl.1922 no.715

Journ. Dept. Agr. Victoria

Davey, H. W.
Weeds and their eradication (cont.) Journ.
Dept. Agr. Victoria 20: 361-365 Je.1922 no.6

Journ. Ecol.

Burtt Davy, Joseph
The distribution and origin of Salix in South
Africa Journ. Ecol. 10: 62-86 illus. My.1922
[Rec'd Jl.]
References: p.85-86

Holttum, R. E.
The vegetation of West Greenland Journ. Ecol.
10: 87-108 pl.iii-v My.1922 [Rec'd Jl.]
Bibliography: p. 107-108 no.1

Skipper, E. G.
The ecology of the gorse (Ulex) with special
reference to the growth-forms on Hindhead common
Journ. Ecol. 10: 24-52 illus., pl.1 My.1922
[Rec'd Jl.] no.1

Walton, John
A spitsbergen salt marsh: with observations on the
ecological phenomena attendant on the emergence of
land from the sea Journ. Ecol. 10: 109-121 illus.,
(incl.maps) pl. vi-vii My.1922 [Rec'd Jl.] no.1
References: p. 121
Results of the Oxford Univ. Exp. to Spitsbergen,
1921, no.8

Yapp, R. H.
The concept of habitat Journ. Ecol. 10: 1-17
My.1922 [Rec'd Jl.] no.1
Literature referred to: p.16-17

Journ. Hered.

Garber, Ralph J.
Origin of false wild oats Journ. Hered. 13:
40-48 illus. Ja. 1922 [jl.] no.1
Contr. Dept. Agron. W. Va. Agr. Exp. Stat.
Bibliography: p. 48

Journ. Jamaica Agr. Soc.

Ashby, S.F.
Cocoe rot Journ. Jamaica Agr. Soc. 16: 576-
579 N.1912
Correspondence, larger portion by Ashby, who states
that disease is dry rot caused by fungus not described
by mycologists elsewhere. Has given it the name
Hormiscium colocasiae but gives no diagnosis
Reprinted in the Journ. 26: 62-84 F./Mr.1922

Journ. N.Y. Bot. Gard.

Britton, N. L., and Wilson, Percy
Notes on plants collected by Mr. Bucher on Pico
Turquino, Cuba Journ. N. Y. Bot. Gard. 23: 91-94
Jl.1922 no.271

Bucher, G. C.
Narrative of an ascent of Pico Turquino, Cuba
Journ. N. Y. Bot. Gard. 23: 81-91 illus.(maps)
Jl.1922 no.271

Crawford, J.S.
Waterlilies at the Botanical garden Journ. N. Y.
Bot. Gard. 23: 95-99 Jl.1922 no.271

Mem. Dept. Agr. India Bot. Ser.
Hector, G. P.
Correlation in colour characters in rice Mem.
Dept. Agr. India Bot. Ser. 11: 153-183 2 col.pl.
F.1922 no.7

Month. Bull. Dept. Agr. Calif.
Kennedy, Patrick Beveridge
Identification and control of California weeds
Month. Bull. Dept. Agr. Calif. 11: 11-17 Jl.1922 no.7

Weldon, G. P.
Spraying deciduous fruit trees Month. Bull. Dept.
Agr. Calif. 11: 24-29 Jl.1922 no.7

Mycologia
Elliott, J. A.
Some characters of the southern tuckahoe
Mycologia 14: 222-227 Illus., pl.17-18 Jl.1922 no.4
Literature cited p.227

Fraser, W. P.
Cultures of heteroecious rusts, 1920-21 Mycologia
14: 228-230 Jl.1922 no.4

Murrill, W. A.
Dark-spored agarics. III. Agaricus Mycologia
14: 200-221 Jl.1922 no.4

Zeller, S. M.
Contributions to our knowledge of Oregon fungi
I- Mycologia 14: 173-199 illus. Jl.1922 no.4

Mysore Agr. Calendar
Narasimhan, M. J.
The Areca koleroga work during 1921 Mysore Agr.
Calendar 1922, p.4-8 1921 [Rec'd Mr.1922]

Nature
Agricultural research at Aberystwyth Nature 109:
795-796 Je.17,1922
Opening of new agricultural buildings and plant
breeding station no.2746

R[endle], A. B.
Dr. William Carruthers, F.R.S. Nature 109:
787-788 Je.17,1922 no.2746

New Zeal. Journ. Agr.
Atkinson, E. H.
Weeds and their identification (cont.) Cape
honey-flower (Melianthus major L.) New Zeal.
Journ. Agr. 24: 360-364 illus. Je.20,1922 no.6

Cockayne, Leonard
An economic investigation of the montane tussock-grassland of New Zealand. XII. The regrassing experiments in central Otago New Zeal. Journ. Agr. 24:
321-334 illus. Je.20,1922 no.6

Waters, R
Fireblight. Incidence of the disease in New Zealand
New Zeal. Journ. Agr. 24: 350-357 illus. Je.20,1922
no.6

Philipp. Journ. Sci.
Lee, Henry Atherton, & Shino, A.
Citrus-canker control experiments in Japan
Philipp. Journ. Sci. 20: 121-150 4 pl. F.1922
[jl.]
References: p.150
[illegible]

Trelease, S. F.
Foliar transpiring power of the coconut
Philipp. Journ. Sci. 20: 167-176 F.1922 [Rec'd Jl.]
Bibliography: p. 176 no.2

Queensl. Agr. Journ.
Illingworth, J. F.
The root disease of the banana in north Queensland
Queensl. Agr. Journ. 14: 297-301 illus., fold. pl.
D.1920
Tylenchus sp.

Rev. Gén. Bot.
Allorge, Pierre
Les associations végétales du vexin français (cont.)
Rev. Gén. Bot. 34: 376-383 Je.1922 no.402

Carpentier, A.
Revue des travaux de paléontologie végétale publiés
dans le cours des années 1910-1919 1.partie (cont.)
Rev. Gén. Bot. 34: 367-375 Je.1922 no.402

Denis, Marcel
Les euphorbiées des iles australe d'Afrique (concl.)
Rev. Gén. Bot. 34: 346-366 Je.1922 no.402

Douin, Robert
Le sporophyte des marchantiées Rev. Gén. Bot. 34;
321-335 illus., pl.12-13 Je.1922
Bibliography in footnotes no.402

Mellor, Ethel
Les lichens vitricoles et la détérioration des vitraux
d'eglise (concl.) Rev. Gén. Bot. 34: 336-345 illus. Je.
1922 no.402

Rev. Hort.
Buisson, J. M.
Le melon Kroumir Parisien Rev. Hort. 94: 126-127
col.pl. Je.16,1922 no.6

Chasset, Louis
Gabriel Luizet Rev. Hort. 94: 129-130 port.
Je.16,1922 no.6

Lesourd, Félicien
La conférence des iris Rev. Hort. 94: 130-132
Je.16,1922 no.6

Robertson Proschowsky, A.
Sasa paniculata Makino et Shibata; Bambosa palmata
hort. Rev. Hort. 94: 134 Je.16,1922 no.6

Rev. Industr. y Agr. Tucumán
Schultz. E. F.
La grama elefante (Pennisetum purpureum) Rev. Ind.
y Agr. Tucuman 12: 39-45 illus. Ag./S. 1921 no.3/4

Rhodora
Ashe, W. W.
Notes on trees and shrubs of southeastern North
America Rhodora 24: 77-79 My.1922 no.281

Fernald, M. L.
A misleading addition to the state floras of New
England Rhodora 24: 96-100 My.1922 no.281
Comments and corrections on "The ferns, fern allies
and flowering plants of Rhode Island ...
Publ. by the Providence Franklin society, 1920"

New England botanical club
Reports on the flora of the Boston district, XXXV
Rhodora 24: 92-95 no.281

Peattie, D. C.
The atlantic coastal plain element in the flora
of the Great Lakes (concl.) Rhodora 24: 80-88 My.
1922 no.281

Wiegand, Karl McKay
Notes on some east-american species of Bromus
Rhodora 24: 89-92 My.1922 no.281

Scient. Agr.
Dickson, B. T.
Diseases of the potato (cont.) Scient. Agr. 2: 417-419 Ag.1922 no.12

Scott. Journ. Agr.
Scotland. Board of agriculture
Testing of new varieties of the potato for immunity from wart disease Scott. Journ. Agr. 5: 306-311 Jl.1922 no.3

Svenska Linn. Sällsk. Årsskr.
Almquist, Erik
Linné och flora upsaliensis Svenska Linné-Sällsk. Årsskr. 5: 56-69 1922

Gertz, Otto
Linnéanska herbarieväxter i domprosten Celsii herbarium Svenska Linné-Sällsk. Årsskr. 5: 106-113 1922
Litteratur p.113

Gombocz, Endre
Bibliographia linnaeana hungarica Svenska Linné-Sällsk. Årsskr. 5: 90-96 1922
Ed. by Felix Bryk
31 papers in Hungarian journals, relating to Linnaeus

Larsson, Ludvig
Lektor Rothmans planer på en hortus botanicus i Växjö Svenska Linné-Sällsk. Årsskr. 5: 114-116 1922
Johan Rothman's letter of 1741 to the bishop & consistory of Wexio; another communication of Oct. 25,1756

Torreya
Bartram, E. B.
Scirpus pedicellatus in New Jersey Torreya 22: 67-68 Jl./Ag.1922 no.4

Grier, N. M.
Variation in the flower of the wild carrot (Daucus carota, L.) Torreya 22: 64-66 Jl./Ag.1922 no.4

Harper, Roland M.
Some pine-barren bogs in central Alabama Torreya 22: 57-60 Jl./Ag.1922 no.4

McAtee, W. L.
Additions to the flora of the Pribilof islands Torreya 22: 67 Jl./Ag.1922 no.4

Rogers, W. E.
Ice storms and trees Torreya 22: 61-63 plate Jl./Ag.1922

U. S. Dept. Agr. Circ.
[Posey, G. B., and Boyce, J. S.]
White-pine blister-rust in the western United States Washington, 1922
7 p. illus., 2 col.pl. (U.S.Dept. Agr. Circ. 226)
Contr. B.P.I. (Office of blister-rust control, in cooperation with the Office of investigations in forest pathology)

Vie Agr. et Rur.
Berger, A.
Culture des pommes de terre Vir Agr. & Rur. 21: 65-66 illus. Jl.22,1922 no.29
"Les gales de la pomme de terre:" "Gale commune" supposed to be due to an Actinomyces; "Gale verruqueuse," produced by Spongospora scabies; & "Gale noire," due to Synchytrium endobioticum (Chrysophyctis endobiotica)

Zeitschr. Indukt. Abstamm.u. Vererbungsl.

Schiemann, Elisabeth
Genetische studien an gerste Zeitschr. Indukt. Abstamm. u. Vererbungsl. 27: 104-133 illus., pl.5 1921
II. Zur genetik der breitklappigen gersten

Tschermak, Erich
Ueber die vererbung des samengewichtes bei bastardierung verschiedener rassen von Phaseolus vulgaris Zeitschr. Indukt. Abstamm. u. Vererbungsl. 28: 23-52 illus. 1922 no.1

Exper. Stat. Publ.

Briggs, Glen
Vegetable growing in Guam Guam Agr. Exp. Stat. Bull. no.2 60 p. xvii pl. Je.1922

Crider, Franklin J.
The olive in Arizona Ariz. Agr. Exp. Stat. Bull. 94: 493-528 illus. Ja.1922 [Rec'd Ag.]

Gossard, H. A., & Walton, R. C.
Dissemination of fire blight Ohio Agr. Exp. Stat. Bull. 357: 83-126 illus. Mr.1922 [Rec'd Ag.]

Heald, F. DeF., & Smith, L. J.
The dusting of wheat for bunt or stinking smut Wash. Agr. Exp. Sta. Bull. 168 15 p. illus. Je.1922
Literature cited, p.14-15

Shaw, J. K.
Leaf characters of apple varieties Mass. Agr. Exp. Stat. Bull. 208: 21-31 13 pl. Ap.1922

Taylor, R. H.
The almond in California Calif. Agr. Exp. Stat. Bull. 297, Rev. ed. 84 p. illus. Mr.1921
Diseases, p.52-56
Bibliography, p.83-84

Thomas, R. C.
A bacterial rosette disease of lettuce Ohio Agr. Exp. Stat. Bull. 359: 197-214 illus. Je.1922 [Rec'd Ag.]
Due to organism described as Aplanobacter rhizoctonia n.sp.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 90.
Indexed - August 14-26, 1922

LIBRARY
RECEIVED
★ AUG 30 1922 ★
U.S. Department of Agriculture

Agric. Colon.
Bonacelli, Benedetto
Le fonti dell' antica prosperità cirenaica Agric. Colon. 16: 249-258 Jl.1922 no.7
Many footnote references to plants and products of Cyrenaica in Greek and Latin authors

Amer. Journ. Sci.
Berry, Edward Wilber
Saccoglottis, recent and fossil Amer. Journ. Sci. V, 4: 127-130 illus. Ag.1922 no.20
S. tertiaria n.sp.

Knowlton, Frank H
A fossil dogwood flower Amer. Journ. Sci. V, 4: 136-138 illus. Ag.1922 no.20
Cornus speciosissima n.sp.

Round, Eda M.
A Crossotheca from the Rhode Island carboniferous Amer. Journ. Sci. V, 4: 131-135 illus. Ag.1922 no.20
C. nana n.sp.

Anal. Soc. Cient. Arg.
Spegazzini, Carlos
Micromycetes nonnulli brasilienses Anal. Soc. Cient. Arg. 93: 111-118 illus. Mr./Ap.1922 no.3/4

Anal. Soc. Rur. Arg.
Girola, C. D.
Fruticultura argentina. VI. Observaciones y comentarios sobre los concursos de naranjas, mandarinas, pomelos, toronjas, y limones organizados en 1921 por el Museo agricola de la Sociedad rural argentina. Anal. Soc. Rur. Arg. 57: 345-355. illus. Jl.1, no., 1922 no.13

Ann. Roy. Bot. Gard. Peradeniya
Petch, Thomas
Additions to Ceylon fungi, II Ann. Roy. Bot. Gard. Peradeniya 7: 279-322 Je.1922 no.4

Petch, Thomas
Interim notes on entomogenous fungi Ann. Roy. Bot. Gard. Peradeniya 7: 323-327 Je.1922 no.4

Petch, Thomas
The water hyacinth (Eichhornia crassipes) Ann. Roy. Bot. Gard. Peradeniya 7: 330-332 Je.1922 no.4

Ark. Bot.
Borgenstam, Elsa
Zur zytologie der gattung Syringa nebst erörterungen über den einfluss äusserer faktoren auf die kernteilungsvorgänge Ark. Bot. v.17, no.15 27 p. 1 double pl. 1922 [Recd.Ag.] no.15

Elfstrand, Mårten
Hieracia alpina från Dalarne Ark. Bot. v.17, no. 17 96 p. fold. map 1922 [Recd.Ag.]

Fries, Thore C. E.
Sveriges gasteromyceter Ark. Bot. v.17, no.9 63 p. illus. 1922 [Recd.Ag.]

Heilborn, O.
Notes on the cytology of Ananas sativus Lindl. and the origin of its parthenocarpy Ark. Bot. v.17, no. 11 7 p. illus. 1922 [Recd.Ag.]

Heilborn, O.
Taxonomical and cytological studies on cultivated Ecuadorian species of Carica Ark. Bot. v.17, no.12 16 p. illus., 1 pl. 1922 [Recd.Ag.]
C. chrysopetala, C. pentagona, n.spp., C. candamarcensis. C. papaya

Ark. Bot. (cont.)

Kajanus, Birger
Uber die verschiedene leistungsfähigkeit der beiden ährenseiten bei weizen Ark. Bot. v.17, no.8 12 p. 1922 [Recd.Ag.]

Urban, Ignatz
Plantae haitienses novae vel rariores a cl. Er. L. Ekman 1917 lectae Ark. Bot. v.17, no.7 72 p. illus. 1922[Recd.Ag.] New Genera; Ekmaniocharis (Melastomaceae) and Pertanthe (Rubiaceae)

Better Fruit

Hall, T. R.
Disease factor in commercial pomology Better Fruit v.17, no.2, p.5-6, 18 Ag.1922 no.2

Reed, C. A.
Filbert culture and varieties (cont.) Better Fruit v.17, no.2, p.20-23 Ag.1922

Bol. Com. Nac. Fom. Rur. Uruguay

Boerger, Alberto
Uspulún; un nuevo remedio para curar la semilla, estudiado a base de experimentación exacta en "Estanzuela" en 1920-21 Bol. Com. Nac. Fom. Rur. Uruguay v.1, no.30, p.13-17. Mr./My.1922

Boll. Tecn. R. Ist. Sper. Tabacchi Scafati

Anastasia, G. E.
Le forme elementari della composizione dei vegetali o l'origine della specie. pt.ii. Le Primulaceae e le Violae. Boll. Tecn. R. Ist. Sper. Tabacchi Scafati 192: 3-25 illus., pl. viii-xi (part col.) Ja./Mr.1922 no.1

Bot. Mag. Tokyo

Hagiwara, Tokio
On the cross-over and interference in the Japanese morning glory Bot. Mag. Tokyo 36: 55-60 illus. Je.1922 [Recd.Ag.] no.426

Nakai, Takenoshin
Notulae ad plantas Japoniae et Koreae. XXVII Bot. Mag. Tokyo 36: 61-73 Je.1922[Recd.Ag.] no.426

Nishimura, Makoto
On the germination and the polyembryony of Poa pratensis, L. Bot. Mag. Tokyo 36: 47-54 pl.i. My.1922[Recd.Ag.] no.425

Yasuda, A.
Notes on fungi, 122-123 Bot. Mag. Tokyo 36: (102-103), (115-116) My.-Je.1922 [Recd.Ag.]

Bot. Tidsskr.

Dahlstedt, H. G. A.
Nye Hieracium-arter fra Danmark Bot. Tidsskr. 37: 241-252 Jl.14,1922
Introduction and comment by K. Wiinstedt

Hagerup, O.
Om Empetrum nigrum L. Bot. Tidsskr. 37: 253-304 illus. Jl.14, 1922 no.4
Litteratur, p.299-301
Summary in English, p.301-304

Petersen, John B.
On a new species of Furcraea Vent. from Nicaragua Bot. Tidsskr. 37: 303-311 illus., pl.iv Jl.14,1922
Bibliography, p.310
Danish summary, p.310-311

Petersen, S.
Agaricaceer iagttagne i Omegnen af Sorø i Juli maaned 1918-19-20 Bot. Tidsskr. 37: 312-315 Jl.14,1922 no.4

Bull. Bur. For. Philipp. Isl.
Brown, W. H., ed.
Minor products of Philippine forests Bull. Bur. For. Philipp. Isl. no.22 3 v. 1920-21
v.1-2 consist chiefly of material previously issued in this series; v.3, new matter as follows: Ornamental plants from Philippine forests; Philippine plants used as soap substitutes or scouring materials; Official Philippine medicinal plants; Poisonous Philippine plants; Miscellaneous useful wild Philippine plants; all by W. H. Brown; Philippine edible fungi, by O.A.Reinking; Medicinal uses of Philippine plants, by L.M.Guerrero

Bull. Misc. Inform. Kew
Craib, W. G.
Contributions to the flora of Siam. Additamentum XII. Bull. Misc. Inform. Kew 1922: 165-174 Jl.1922 no.5

Turrill, W. B.
Erica vagans, L., var. kevernensis, Turrill. Bull. Misc. Inform. Kew 1922: 175-176 illus. Jl.1922 no.5

Wakefield, E. M.
Fungi exotici. XXVI Bull. Misc. Inform. Kew 1922: 161-165 illus. Jl.1922 no.5

Bull. Soc. Bot. France
Battandier, Jules Aimé
De l'espèce dans le genre Calendula Bull. Soc. Bot. France 68: 527-531 F.1,1922 no.7/9

----------, and Trabut, L.
Sur un nouvel Urginea de la flore marocaine Bull. Soc. Bot. France 68: 437-440 illus. F.1,1922 no.7/9
Urginea moureti n.sp.

Benoist, Raymond
Contribution à l'étude de la flore des Guyanes (cont.) Bull. Soc. Bot. France 68: 484-490 F.1, 1922 no.7/9

Blaringhem, Louis
Sur les caractères anatomiques des chaumes des genres Triticum, Secale et Haynaldia Bull. Soc. Bot. France 68: 563-569 F.1, 1922 no.7/9

Bouly de Lesdain,
Notes lichenologiques. XVIIIbis Vull. Soc. Bot. France 68: 490-495 F.1,1922 no.7/9

Buchet, Samuel
La variété monophylle du frêne commun. Bull. Soc. Bot. France 68: 543-546 F.1,1922 no.7/9
Fraxinus excelsior L. var. integrifolia (Moench) = var. monophylla (Desf.) Gr. et Godr.

Bugnon, Pierre
Quelques critiques á la théorie de la phyllorhize et, d'une façon générale, aux théories phylogéniques fondées seulement sur l'ontogénie des plantes actuelles Bull. Soc. Bot. France 68: 495-506 F.1,1922 no.7/9
Bibliography in footnotes

Chauveaud, G. L.
L'ontogénie et la théorie des triades Bull. Soc. Bot. France 68: 531-538 F.1, 1922 no.7/9

Chermezon, H.
Observations sur les ombellifères d'Indo-Chine Bull. Soc. Bot. France 68: 506-516 F.1,1922 no.7/9

Scirpées nouvelles de Madagascar Bull. Soc. Bot. France 68: 417-426 F.1,1922 no.7/9
New species in Fimbristylis, Bulbostylis, Scirpus, Fuirena, and Lipocarpha

Bull. Soc. Bot. France (cont.)

Coste, H. and Reynier, A.
Les Chenopodium amaranticolor et Chenopodium purpurascens ne sont pas identiques en tous points Bull. Soc. Bot. France 68: 408-414 F.1, 1922 no.7/9

Friedel, Jean
Relation entre l'anatomie de la fleur et celle de la tige chez deux Aristolochiées, L'Asarum europaeum L. et l'Aristolochia clematitis L. Bull. Soc. Bot. France 68: 538-543 illus. F.1, 1922 no.7/9

Gagnepain, François
Euphorbiacées nouvelles (Buxus et Sarcococca) Bull. Soc. Bot. France 68: 481-483 F.1, 1922 no.7/9
B. cochinensis Pierre, mss., B.latistyla, S. balansae, S. tonkinensis, new species

----
Euphorbiacées nouvelles d'Indo-Chine (Croton) Bull. Soc. Bot. France 68: 548-562 F.1,1922 no.7/9
Many new species including A. alpinus A.Chev. mss., and C. dongnaiensis Pierre mss.

Hickel, Robert, and Camus, Aimée
Note sur les Castanopsis d'Indo-Chine Bull. Soc. Bot. France 68: 390-401 F.1,1922 no.7/9

Lavialle, Pierre
Contribution à l'étude de l'ovaire chez les Composées Bull. Soc. Bot. France 68: 414-417 illus. F.1,1922 no.7/9

Maire, René
Contributions à l'étude de la flore grecque Bull.Soc. Bot. France 68: 370-380 F.1,1922 no.7/9

Pellegrin, François
Notule sur la forêt du Moyen-Congo Bull. Soc. Bot. France 68: 465-471 F.1,1922 no.7/9

Saint-Yves, A.
Sur quelques Festuca de Grèce Bull. Soc. Bot. France 68: 380-384 illus. F.1,1922 7/9

Souèges, René
Recherches sur l'embryogénie des Labiées Bull. Soc. Bot. France 68: 441-464 illus. F.1,1922 no.7/9
Bibliography in footnotes

Bull. Soc. Mycol. France

Bougault, J.
Victor Harlay (1872-1922) Bull. Soc. Mycol. France 38: 25-28 My.31,1922 no.1
Liste chronologique des travaux originaux de V. Harlay, p.27-28

Courtillot, J.
Observations sur quelques champignons de la vallée supérieure de la Saône Bull. Soc. Mycol. France 38: 31-33 My.31,1922 no.1

Mangenot, G.
A propos de quelques formes peu connues d'Endomycetacées Bull. Soc. Mycol. France 38: 42-55 illus. pl.i-ii My.31,1922 no.1
Endomyces javanensis, E. lindneri, E. hordei

Mayor, Eugène
Une espèce biologique nouvelle du type de Puccinia sessilis Schneider Bull. Soc. Mycol. France 38: 34-41 My.31,1922 no.1
P. smilacearum-festucae

Bull. Torr. Club

Arthur, J. C.
New species of Uredineae XIV Bull. Torr. Club 49: 189-196 Jl.1922 no.7 Diabole gen.nov. with 1 sp. D. cubensis (Uromycladium(?) cubense Arth.)

Bull. Torr. Club (Cont.)

Cockerell, Theodore D. A.
A new genus of fossil Liliaceae Bull. Torr. Club 49: 211-213 illus. Jl.1922 no.7
Brachyruscus gen.nov.

Howe, M. A., and Hollick, Arthur
A new American fossil hepatic Bull. Torr. Club 49: 207-209 illus. Jl.1922 .

Smith, C. P.
Studies in the genus Lupinus VII L. Succulentus and L. niveuw. Bull. Torr. Club 49: 197-206 illus. Jl.1922 no.7

Compt. Rend. Acad. Sci. Paris

André, Gustave
Sur la filtration des sucs végétaux Compt. Rend. Acad. Sci. Paris 175: 286-289 Jl.31,1922 no.5

Becquerel, Paul
La théorie du mériphyte devant les phénomènes de L'ontogénie vasculaire Compt. Rend. Acad. Sci. Paris 175: 233-235 Jl.21,1922 no.4

Blaringhem, Louis
Heredité des caractéres physiologiques chez les hybrides d'orges (deuxième génération) Compt. Rend. Acad. Sci. Paris 175: 230-232 Jl.21,1922 no.4

Chodat, Robert, and Rouge, E.
Sur la localisation intracellulaire d'une oxydase et la localisation en général Compt. Rend. Acad. Sci. Paris 175: 252-255 Jl.31,1922 no. 5

Guilliermond, Alexandre
Remarques sur la formation des chloroplastes dans le bourgeon d'Elodea canadensis Compt. Rend. Acad. Sci. Paris 175: 283-286 illus. Jl.31,1922 no. 5

Terroine, Émile F., and Wurmser, René
L'utilisation des substances ternaires dans la croissance de l'Aspergillus niger Compt. Rend. Acad. Sci. Paris 175: 228-230 Jl.21,1922 no.4

Contr. U. S. Nat. Herb.

Blake, S. F.
Native names and uses of some plants of eastern Guatemala and Honduras Contr. U. S. Nat. Herb. 24: 87-100 pl.29-33 Ag.18,1922 pt.4

Maxon, W. R.
Studies of tropical American ferns. No.7 Contr. U.S.Nat. Herb. 24: 33-63 pl.11-20 Ag.15,1922 no.2
Atalopteris gen. nov.

Cotton Oil Press

Cook, O. F.
Single stalk system and cotton seed improvement Cotton Oil Press v.6, no.3, p.80-83 Jl.1922 no.3

Cultura

Mayer Gmelin, H.
Over entbastaarden Cultura 34: 205-216 2 pl. Jl./Ag.1922 no. 406/407

Fruit Flower & Veg. Trades Journ.

Bedford, W. L.
Potato blight Fruit Flower & Veg. Trades Journ. 42: 5-6 Jl.1,1922 no.1

Gard. Chron.

Brotherston, R. P.
Evelyn's Kalendarium Gard. Chron. III, 72: 67 Jl.29,1922 no.1857

Brown, N. E.
Mesembryanthemum and some new genera separated from it (cont.) Gard. Chron. III, 72: 83-84 illus. Ag.5, 1922 no.1858

Jacob, Joseph
Evelyn's Kalendarium Gard. Chron. III, 72: 85
Ag.5,1922 no.1858

Lees, A. H.
Reversion in black currants Gard. Chron. III,
72: 65 Jl.29,1922 no.1857

Mills, Mark
Dunkeld larches Gard. Chron. III, 72: 85-86
Ag.5,1922 no.1858

Payne, C. H.
The history of the moss rose (cont.) Gard. Chron.
III, 72: 69-70, 84 Jl.29, Ag.5, 1922 no.1857-1858

Percy-Lancaster, S.
Cooperanthes Gard. Chron. III, 72: 66-67 Jl.29,
1922 no.1857
Bigeneric cross between Cooperia & Zephyranthes

Richardson, A. D.
Dunkeld larches Gard. Chron. III, 72: 71 Jl.
29,1922 no.1857

Robertson-Proschowsky, A.
Palms of the Riviera (cont.) Gard. Chron. III,
72: 66 illus. Jl.29,1922 no.1857

Ward, F. K.
Mr. Kingdon Ward's sixth expedition in Asia. No.21,
Summer flowers. Gard. Chron. III, 72: 80 Ag.5,1922
no.1858

Weathers, John
Mr. W. Watson and Kew Gard. Chron. III, 72: 71
Jl.29,1922 no.1857

Gard. Chron. Amer.
Lesourd, Félicien
The iris among the ancients Gard. Chron. Amer.
26: 229, 232 Ag.1922 no.8
Trans. by F. B. Meyer from Rev. Hort.

Schneider, Camillo
Ornamental flowering trees and shrubs Gard. Chron.
Amer. 26: 226-228, illus. Ag.1922
Translated by F. B. Meyer from Gartenschönheit

Jard. Agrém.
Roekens, Fr.
Les cyclamens rustiques Jard. Agrém. 1: 128-132
Ag.1922 no.8

Journ. Agr. Prat.
Foëx, Étienne
Les gales de la pomme de terre Journ. Agr. Prat.
149(n.s., 38): 73-75, 93-94 col.pl. Jl.22-29,1922
no.29-30

Journ. Amer. Pharm. Assoc.
Day, William B.
The botany of aloes Journ. Amer. Pharm. Assoc.
11: 620-621 Ag.1922 no.8

Journ. Arnold Arb.
Schneider, Camillo
Notes on American willows, XII (concl.) Journ.
Arnold Arb. 3: 61-125 1922 no.2
Clavis specierum, p.91-116; Index, p.117-125

Journ. Dept. Agr. Porto Rico
Lopez Domínguez, F. A.
Changes wrought in the grapefruit in the process of
maturation. Part II. Factors affecting the composition
of the fruit Journ. Dept. Agr. Porto Rico v.5, no.4,
p.1-45 tables (part fold.) O.1921[Recd.Ag.1922-

Journ. For. Suisse

Jaccard, Paul

De la représentation proportionnelle chez les plantes Journ. For. Suisse 73: 141-147 Ag./S.1922 to be cont. no.8/9

Moreillon,

A propos du Cenangium abietis Duby Journ. For, Suisse 73: 169-170 Ag./S.1922 no.8/9

Journ. Min. Agr. Gt. Brit.

Bewley, W. F.

Anthracnose of the cucumber under glass Journ. Min. Agr. Gt. Brit. 29: 469-472 Ag.1922 no.5

Colletotrichum oligochaetum, now most important leaf spot of cucumber in Great Britain

Journ. & Proc. Roy. Soc. N.S.W.

Herbert, D. A.

Contributions to the flora of Western Australia, no. 2-3 Journ. & Proc. Roy. Soc. West. Austr. 7 (1920-21): 69-70, 87-89 1921[Recd.Ag.1922]

The genus Xanthorrhoea in Western Australia Journ. & Proc. Roy. Soc. West. Austr. 7(1920-21): 79-84 illus. 1921[Recd.Ag.1922]

Parasitism of the quandong (Fusanus acuminatus, R. Br.) Journ. & Proc. Roy. Soc. West. Austr. 7(1920-21): 75-76 illus. 1921[Recd.Ag.1922]

------, and Gardner, C. A.

Parasitism of the sandalwood (Fusanus spicatus, R.B. [sic]) Journ. & Proc. Roy. Soc. West. Austr. 7(1920-21): 77-78 illus. 1921 [Recd.Ag.1922]

Shelton, W. E.

Xerophytism in the Swan River district Journ. & Proc. Roy. Soc. West. Austr. 7(1920-21): 95-107 illus. 1921 [Recd.Ag.1922]

Journ. Wash. Acad. Sci.

Britton, Nathaniel Lord, and Rose, J.N.

The two species of deerhorn cactus Journ. Wash. Acad. Sci. 12: 328-330 illus. Ag.19,1922 no.14

Peniocereus johnstonii n.sp. and P. greggii

Killip. E. P.

Three new species of Passiflora from Venezuela and Ecuador Journ. Wash. Acad. Sci. 12: 330-332 Ag.19, 1922 no.14

Passiflora (Granadilla) dispar, P. perlobata, P. popenovii n.spp.

Landw. Jahrb.

Wrangell, M. von

Gesetzmässigkeiten bei der phosphorsäureernährung der pflanze Landw. Jahrb. 57: 1-78 23 tables on 13 leaves (partly fold.) Mr. 1922 [Ag.]

Malpighia

Buscalioni, Luigi, and Roccella, Guido

Intorno ad alcune singolari anomalie delle radici di una plantula di Amygdalus communis L. Malpighia 29: 294-315 pl. v-viii 1922 no.5/6

--------, and Muscatello, G.

Studio monografico sulle specie americane del gen. "Saurauia" Willd. Malpighia 29: 231-246 1922 no.5/6

Mem. Bernice Pauahi Bishop Mus.

Hitchcock, A. S.

The grasses of Hawaii Mem. Bernice Pauahi Bishop Mus. 8: 101-230 illus., pl.xxxi-xxxv 1922[Ag.]

Bornmüller, Josef
Pedicularis ferdinandi Bornm. spec. nov. (sect. Bicuspidatae) e flora macedonica Notizbl. Bot. Gart. Berlin 8: 213-218 Jl.1,1922 no.73

Harms, Hermann
Uber zwei neue arten der gattung Malesherbia aus Peru Notizbl. Bot. Gart. Berlin 8: 209-212 Jl.1,1922 no.73
M. angustisecta and M. haemantha, n.spp., with conspectus of Peruvian species

Krause, Kurt
Loranthaceae peruvianae novae Notizbl. Bot. Gart. Berlin 8: 206-208 Jl.1,1922 no.73

Lindau, Gustave
Acanthaceae austro-americanae Notizbl. Bot. Gart. Berlin 8: 245-247 Jl.1,1922 no.73

Markgraf, F.
Eine neue Oleaceae aus Peru Notizbl. Bot. Gart. Berlin 8: 219-220 Jl.1,1922 no.73
Menodora pulchella

Mildbraed, Johannes
Morus lactea (Sim) Mildbr. Notizbl. Bot. Gart. Berlin 8: 243-244 Jl.1,1922 no.73

Neue arten vom vulkan Elgon in Uganda Notizbl. Bot. Gart. Berlin 8: 223-242 Jl.1,1922
Orchidaceae, R.Schlechter; Leguminosae, H.Harms; Umbelliferae, H.Wolff; Compositae, J.Mattfeld; Campanulaceae, Crassulaceae, Ericaceae, Gentianaceae, Rosaceae, Scrophulariaceae, Valerianaceae, & Bemerkungen über die pflanzenwelt des Elgon, J.Mildbraed

Ulbrich, Eberhard
Ranunculaceae novae vel criticae. V. Die grossblütigen ranunculinae der Hochanden Südamerikas, Rhopalopodium Ulbrich n.gen., Aspidophyllum n.gen. und Laccopetalum Ulbr. Notizbl. Bot. Gart. Berlin 8: 251-272 Jl.1,1922 no.73

Werdermann, E.
Corollospora maritima Werd., ein salzliebender pilz von der Nordseeküste Notizbl. Bot. Gart.Berlin 8: 248-250 illus. Jl.1,1922 no.73
New genus of Sphaerioideae

Taphrina reichei n.sp., ein neuer mexikanischer hexenbesen Notizbl. Bot. Gart. Berlin 8: 221-222 Jl.1,1922 no.73
On Prunus capollin

Perfum. & Essent. Oil Rec.

Penfold, A. R.
The essential oil of the leaves of Doryphora sassafras (Endlicher) Part I Perfum. & Essent. Oil Rec. 13: 273-275 jl.1922 no.8

Philipp. Agr. Rev.
Artigas y Cuerva, Manuel
Bibliographical notes on Philippine agriculture prefaced by a historical sketch Philipp. Agr. Rev. 15: 3-27 1922 no.1

Galang, F. G.
Some varieties of citrus fruits for the Philippines Philipp. Agr. Rev. 15: 44-48 pl.iii-v 1922 no.1

Lee, H. A., Welles, C. G. and Medalla, M. G.
Fiji disease of sugar cane in the Philippines Philipp. Agr. Rev. 14: 413-417 pl.ix-xi 1922 no.4

Philipp. Agr. Rev. (cont.)

Lee, H. A., and Kopke, E. W.
Mosaic disease of sugar cane in the Philippines
Philipp. Agr. Rev. 14: 418-421 pl.xii-xvi (1 col.)
1922 no.4

Lee, H. A.
Observations on previously unreported or noteworthy
plant diseases in the Philippines Philipp. Agr. Rev.
14: 422-434 pl.xvii-xxiv 1922 no.4

Lee, H. A., and Merino, Gonzalo
The prevention of the importation of injurious insects
and parasitic fungi on economic crops from foreign countries
Philipp. Agr. Rev. 14: 389-401 1922 no.4

Lee, H. A., and Medalla, M. G.
The season's experiments on Fiji disease, mosaic
disease and smut of sugar cane Philipp. Agr. Rev.
14: 402-412 pl.i-viii 1922 no.4

Mendiola, N. B.
A study of the inheritance of beardedness of rice
in natural hybrids Philipp. Agr. Rev. 15: 28-43
pl.ii 1922 no.1

Phytopath.

Butler, Ormond, and Smith, T. O.
On the use of the acetates of copper as fungicides
Phytopath. 12: 278-289 Je.1922 [Recd.Ag.14] no.6
Bibliography in footnotes

Dufrenoy, Jean
The occurrence of Cronartium ribicola in Europe
Phytopath. 12: 302-304 Je.1922 [Recd.Ag.14]

Haskell, Royal Joyslin
Relation of plant pathology to the newly organized
science service Phytopath. 12: 301-302 Je.1922
[Recd.Ag.14] no.6

Hungerford, Charles W.
The relation of soil moisture and soil temperature
to bunt infection in wheat Phytopath. 12: 337-352
illus. Jl.1922[Ag.] Literature cited, p.351-352 no.7

Lutman, Benjamin F.
The relation of the water pores and stomata of the
potato leaf to the early stages and advance of tipburn
Phytopath. 12: 305-333 illus. Jl.1922[Ag.] no.7
Literature cited, p.332-333

MacInnes, Jean
The growth of the wheat scab organism in relation
to hydrogen-ion concentration Phytopath. 12: 290-294
Je.1922 [Recd.Ag.14] no.6
Literature cited p.293-294

Matsumoto, Takashi
Some experiments with azuki-bean mosaic Phytopath.
12: 295-297 illus. Je.1922 [Recd.Ag.14] no.6
Disease of Phaseolus radiatus, var. aurea; some
varieties free from it

Rankin, W. H., and Hockey, J. F.
Mosaic and leaf curl (yellows) of the cultivated red
raspberry Phytopath. 12: 253-264 Je.1922 [Recd.Ag.14]
no.6
Literature cited p.263-264

Shapovalov, Michael
Rhizoctonia solani as a potato-tuber rot fungus
Phytopath. 12: 334-336 pl.xxiii Jl.1922 [Ag.] no.7

Smith, C. O.
Pathogenicity of the olive knot organism on hosts
related to the olive Phytopath. 12: 271-278 pl.xxi-
xxii Je.1922 [Recd.Ag.14] no.6
Pseudomonas savastanoi

Smith, E. F.
Fasciation and prolepsis due to crown gall
Phytopath. 12: 265-270 pl.xvi-xx Je.1922
[Recd.Ag.14] no.6

Taylor, Minnie W.
Potential sporidia production per unit in
Cronartium ribicola Phytopath. 12: 298-300 illus.
Je.1922 no.6

Proc. Agr. Soc. Trinidad & Tobago
Nowell, William
Diseases of cacao in Trinidad Proc. Agr. Soc.
Trinidad & Tobago 22: 483-493 My.1922 no.5

Proc. Roy. Soc. Ser. B.
Briggs, G. E.
Experimental researches in vegetable assimilation
and respiration xv-xvi Proc. Roy. Soc. Ser.B,
94: 12-19, 20-35 Ag.1,1922 no.B656
Literature cited, p.19, 34-35

Proc. R. Soc. Victoria
Ewart, A. J.
On the changes of volume in a mixture of dry seeds and
water Proc. Roy. Soc. Victoria n.s., 34: 172-179 My.
1922 Agr. repr.

Gordon, Mary
The development of endosperm in cereals Proc. Roy.
Soc. Victoria n.s., 34: 105-116 illus. My.1922
References, p.116 Agr. repr.

Queensl. Agr. Journ.
Pollock, N.A.R.
Some notes on Fusarium in the tomato plant in north
Queensland Queensl. Agr. Journ. 18: 10-12 Jl.1922
no.1

White, C. T.
A mangosteen from North Queensland Queensl. Agr. Journ.
18: 34-35 illus.(pl.i) Jl.1922 no.1
Garcinia xanthochymus

Rev. Agr. Com. y Trab. Cuba
Bruner, Stephen C.
Exploración biologica y fitopatologica en la provincia
de Pinar del Rio Rev. Agr. Com. y Trab. Cuba v.5, no.
4, p.27 Je.1922 no.4

Calvino, E. M. de
Una planta muy venenosa para el ganado Rev. Agr.
Com. y Trab. Cuba v.5, no.4, p.30 illus. Je.1922
Isostoma longiflora Presl, "revienta caballo"

Calvino, Mario
Variedades superiores de bija Rev.Agr. Com. y Trab.
Cuba v.5, no.4, p.24-27 illus. Je.1922
Bixa orellana

Silvera, M. D.
El ramon de Mexico; sus propriedades galactogenas
Rev. Agr. Com. y Trab. Cuba v.5, no.4, p.9-11 illus.
Je.1922
Brosimum alicastrum

Simonetto, Moisés
Replica al Dr. S. C. Bruner, La enfermedad de las
rayas amarillas en la caña de azucar Rev. Agr. Com. y
Trab. Cuba v.5, no.4, p.11-13 Je.1922

Rev. Agr. Puerto Rico
Legrand, J. F.
El pino australiano; un arbol importante para todos
los usos en Puerto Rico Rev. Agr. Porto Rico 9: 13-
15 Jl.1922 no.1
Casuarina equisetifolia and C. cunninghamiana

Rev. Hist. Nat. Appl.
Blaringhem, Louis
Sur la production artificielle de formes juveniles
Rev. Hist. Nat. Appl. pt.I 3: 176-178 Je.1922 no.6

Jeanson, Maurice
La courge de Siam; Cucurbita melanosperma Rev. Hist.
Nat. Appl. pt.I 3: 139-144 My.1922 no.5

Pardé, Léon
Les principaux arbres du domaine national des Barres;
leurs dimensions ... en 1900 et en 1920 Rev.Hist.Nat.
Appl. pt.I 3: 148-163, 187-196 My-Je.1922 no.5,6

Rev. Hort.
Debras, E.
Tulipes pluriflores Rev. Hort. 94: 141 Jl.16,1922
no.7

Jahandiez, Émile
Plantes ornementales de l'Atlas Marocain Rev. Hort.
94: 142-144 illus. Jl.16,1922 no.7

Mottet, Séraphin J.
Nouveaux rhododendrons asiatiques Rev. Hort. 94:
150-152 illus., col. pl. Jl.16,1922 no.7
R. sutchuense, R. rubiginosum, R. longistylum, R.
pachytrichum, R. floribundum

Petit, Albert
Un cas de chlorose guéri par le calcaire Rev. Hort.
94: 154-155 Jl.16,1922 no.7

Vercier, H. J.
A propos des maladies du chou: le gros pied Rev.
Hort. 94: 146-148 illus. Jl.16,1922 no.7
Name covers diseases due to fungus, Plasmodiophora
brassicae, and to insects, Anthomya brassicae and
Ceutorhynchus sulcicollis

Rev. Vitic.
Berget, Adrien
Un document historique sur l'ampélographie et la
viticulture charentaises Rev. Vitic. 57: 57-58
Jl.27, 1922
Concerning the planting in 1696 and 1697 of certain
varieties of grape now predominating in the Charentes,
marking the period of conversion of vineyards to the
production of white wines

Riv. Biol
Lotsy, J. P.
Les rapports entre l'hybridisme et la cytologie Riv.
Biol. 4: 289-312 illus. My./Je.1922 no.3

[illegible]

Schweiz. Apoth. Zeit
Eidenbenz, Emil
Dr. Leonhard [sic] von Muralts Pharmacopoea domestica
Schweiz Apoth. Zeit. 60: 393-401, 410-417, 426-433 Jl.-
Ag. 1922
"Pharmacopoea domestica in praxeos usum constructa a
me Johanne Muralto VMD Tiguri MDCLXXXI" (MS.)

Schweiz. Zeitschr. Forstw.
Meyer, K. A.
Uber pflanzensuccessionen in der forstwirtschaft (concl.)
Schweiz. Zeitschr. Forstw. 73: 197-204 Ag.1922 no.8
Verzeichnis der wichtigsten benutzten literatur

Science
Jordan, D. S.
The California poppy Science 56: 168-169 Ag.11,
1922 no.1441
Variability of Eschscholtzia californica

Sitzungsb. Akad. Wissensch. Wien Math.-Naturw.Kl.Abt.I
Wettstein, Fritz von
Das vorkommen von chitin und seine verwertung als systematisch-phylogenetischen merkmal im pflanzenreich
(over)

Wettstein, Fritz von (cont.)
Sitzungsb. Akad. Wiss. Wien, Math. Naturw. Kl. Abt.I,
130: 3-20 1921[Recd.Ag.1922] no.1/3
Literaturverzeichnis, p.20

Trans. Roy. Canad. Inst.
Patterson, Cecil F.
Growth in seedlings of Phaseolus vulgaris in relation
to relative humidity and temperature Trans. Roy. Canad.
Inst. 14: 23-68 My.1922 no.31
Literature cited, p.61-68

Trop. Agr.
Molegode, W.
The papaw (Carica papaya) Trop. Agr. 58: 379-
382 Je.1922 no.6

Union So. Africa Dept. Agr. Bull.
Putterill, Victor A.
Pear scab in the western province: experiments and
facts relating to its control Union So. Africa Dept.Agr.
Bull. 2, 1922 31 p. illus. Mr.28,1922

U. S. Dept. Agr. Bull.
Brown, B. E.
Effect of borax in fertilizer on the growth and yield
of potatoes U. S. Dept. Agr. Bull. 998 8 p. illus.
Jl.3,1922
Literature cited, p.8

Cole, John S., and Hallsted, A. L.
Methods of winter-wheat production at the Fort Hays
branch station U. S. Dept. Agr. Bull. 1094 31 p.
Ag.18,1922

U. S. Dept. Agr. Circ.
Chambliss, C. E.
Wild rice U. S. Dept. Agr. Circ. 229 16 p.
illus. Ag.1922

Wisconsin Hort.
Humphrey, C. J.
Diseases of ornamental and forest trees Wisconsin
Hort. 12: 186-191 illus. Ag.1922 no.12
Annual convention Wisc. State Hort. Soc. Madison,
Dec. 1921

Exper. Stat. Publ.
Fernald, H. T., and Bourne, A. I.
Injury to foliage by arsenical sprays. I. The lead
arsenates Mass. Agr. Exp. Stat. Bull. 207 19p.
Ap.1922

Jones, L. R., McKinney, H.H. and Fellows, H.
The influence of soil temper ture on potato scab
Wisconsin Agr. Exper. Stat. Res. Bull. 53 35 p.
5 pl. Jl.1922
Literature cited, p.34-35

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 91.
Indexed Aug. 28-Sept. 9, 1922.

SEP [illegible] 22

Agr. Journ. India

Kottur, G.L., and Kulkarni, R.K.
Cross-fertilization in jowar (Andropogon sorghum) Agr. Journ. India 17: 413-416 pl. xxv Jl.1922 no.4

Kottur, G.L.
An improved type of cotton for the Dharwar-American tract Agr. Journ. India 17: 347-352 Jl.1922 no.4
Gadag I

Venkatraman, T.S., and Thomas, R.
Sugarcane root systems: studies in development and anatomy Agr. Journ. India 17: 381-388 pl.xvii-xxiv Jl.1922 no.4
Paper read at the Ninth Indian science congress, Madras, 1922

Amer. For.

Demaray, A.E.
Palm canyon, California Amer. For. 28: 554-556 illus. S.1922 no.345

Illick, J.S.
The beeches Amer. For. 28: 546-551 illus. S.1922 345

Shufeldt, R.W.
The Kudzu vine and other climbers Amer. For. 28: 532-540 illus. S.1922 no.345

Amer. Journ. Bot.

Bailey, I.W.
The pollination of Marcgravia: a classical case of ornithophily? Amer. Journ. Bot. 9: 370-384 illus. pl.xxiii-xxiv Jl.1922 no.7
Literature cited p.383
M. cuyuniensis and M. purpurea new species

Bonns, Walter W.
A preliminary study of Claviceps purpurea in culture Amer. Journ. Bot. 9: 339-353 pl.xvi-xxi Jl.1922
References p.351-352 no.7

Cleland, Ralph E.
The reduction divisions in the pollen mother cells of Oenothera franciscana Amer. Journ. Bot. 9: 391-413 pl. xxv-xxvii Jl.1922 no.7
Bibliography, p.411-412

Dodge, B.O.
Studies in the genus Gymnosporangium. IV. Distribution of the mycelium and the subcuticular origin of the telium in G. clavipes Amer. Journ. Bot. 9: 354-365 illus. pl.xxii Jl.1922 no.7

Gericke, W.F.
Certain relations between root development and tillering in wheat: significance in the production of high-protein wheat Amer. Journ. Bot. 9: 366-369 Jl.1922 no.7

Stevens, N.E.
Environmental temperatures of fungi in nature Amer. Journ. Bot. 9: 385-390 Jl.1922
References in footnotes

Arch. Rubbercult. Nederl.-Ind.

Grantham, J., and Bishop, O.F.
Root systems of Hevea on different soils Arch. v. Rubbercult. Nederl. Ind. 6: 231-249 8 pl. on 4 l. Jl.1922 no.7
Summary in Dutch, p.248-249

Arch. Suikerind. Ned. Indië

Bremer, G.

Een cytologisch onderzoek van eenige soorten en soortsbastaarden van het geslacht Saccharum Arch. Suikering. Nederl. Indië 1922 (Med. Proefsta. Java-Suikerind. 1): 1-111 illus. 1922 no.1

References in footnotes

Ark. Bot.

Arrhenius, Olof

Hydrogenionconcentration, soilproperties and growth of higher plants Ark. Bot. v.18,no.1 54 p. Ag.1922

"Trykt den 18 april 1922"

"Literature," p.41-54

Lundegårdh, Henrik

Ein beitrag zur quantitativen analyse des phototropismus Ark. Bot. v.18, no.3 62 p. illus. Ag. 1922

"Trykt den 30 maj 1922"

"Zitierte literatur," p.61-62

Malme, G.O.A.

Die juncazeen der zweiten Regnellschen reise Ark. Bot. v.18, no.4 6 p. Ag.1922

"Trykt den 11 maj 1922"

Beih. Bot. Centralbl.

Overeem, Caspar van

Über formen mit abweichender chromosomenzahl bei Oenothera Beih. Bot. Centralbl. Abt.I, 39: 1-80 illus., pl.i-xv F.10,1922 [Recd.Ag.] no.1

Zusammenstellung der literatur der Oenothera biennis-gruppe, p.52-79

Ber. Deut. Pharm. Ges.

Wester, D.H.

Über den mangangehalt von blumen Ber. Deut. Pharm. Ges. 32: 16-20 Ja.1922 no.1

Biederm. Zentralbl.

Csete, Alexander

Die wirkungen von uspulun, formalin, kupfervitriol, schwefelkalkbrühe und klorol auf die keimfähigkeit des zuckerrübensamens Biederm. Zentralbl. 51: 207 Ag. 1922 no.8

German abstract from Kisérletugvi közl. 24.1921

Biometrika

Warren, Ernest

Inheritance in the foxglove, and the result of selective breeding Biometrika 14: 103-126 pl.i Jl.1922 [Sept.] 1/2

Bull. Torr. Club

Bartram, E.B.

Midwinter botanizing in southern Arizona Bull.Torr. Club 49: 237-250 Ag.1922 no.8

Britton, N.L., and Rose, J.N.

Two new genera of Cactaceae Bull.Torr.Club 49: 251-252 Ag.1922 no.8

Thelocactus, Neolloydia

Dosdall, Louise

Occurrence of the pycnial stage of Puccinia taraxaci Bull. Torr. Club 49: 235-236 Ag.1922 no.8

Paper No.303, Journ. Ser., Minn. Agr. Exp. Stat.

Graff, P.W.

Philippine basidiomycetes V Bull. Torr. Club 49: 223-233 Ag.1922 no.8

Calif. Citrogr.

Shamel, A.D.

Recent bud selection work in citrus and other industries Calif. Citrogr. 7: 358, 370-371, 386 illus. S.1922 no.11

Compt. Rend. Acad. Sci. Paris

Bouvrain, Georges

Sur l'évolution vasculaire dans la mercuriale Compt. Rend. Acad. Sci. Paris 175: 380-382 Ag. 1922 no.8

Guilliermond, Alexandre

Observation cytologique sur un Leptomitus et en particulier sur le mode de formation et la germination des zoospores Compt. Rend. Acad. Sci. Paris 175: 377-379 illus. Ag.1922 no.8

Maire, René, and Chemin, E.

Un nouveau pyrénomycète marin Compt. Rend. Acad. Sci. Paris 175: 319-321 illus. Ag.7,1922 no.6

Mycaureola dilseae nov.gen., nov.sp. on Dilsea edulis

Mirande, Marcel

Sur l'origine morphologique da liber interne des nolanacées et la position systématique de cette famille Compt. Rend. Acad. Sci. Paris 175: 375-376 Ag.1922 no.8

Vuillemin, Paul

Disjonction et combinaison des caractères des parents dans un hybrid Compt. Rend. Acad. Sci. Paris 175: 353-355 Ag.1922 no.8

Aquilegia coerulea x chrysantha

Compt. Rend. Soc. Biol. Paris

Dufrenoy, Jean

La gommose du bois de chataignier Compt. Rend. Soc. Biol. 86: 371-374 illus. 1922 no.7

Flow. Grow.

Brown, C.W.

Gladiolus nomenclature Flow. Grow. 9: 247-248 S.1922 no.9

Fühl. Landw. Zeit.

Schlumberger, Otto

Pflanzenschutz und kartoffelzüchtung Fühl. Landw. Zeit. 71: 183-191 My.1922 [Recd.Ag.31]

Vortrag in der Abt. f. kartoffelzucht der Ges. z. Förderg. deutscher pflanzenzucht

Gard. Chron.

Friend, Hilderic

Plants of Mount Everest Gard. Chron. III, 72: 108 Aug.19,1922 no.1860

Gibbs, Vicary

The flowering crabs Gard. Chron. III, 72: 110-111 Ag.19,1922 1860

Payne, C.H.

The history of the moss rose (cont.) Gard. Chron. III, 72: 93, 109 Ag.12, 19, 1922 no.1859-60

Gard. Mag.

Bolles, C.B.

Creating new dahlias -- a garden sport for every man Gard. Mag. 36: 32 S.1922 no.1

Hedwigia

Herzog, Theodor

Beitrag zur flechtenflora von Bolivia Hedwigia 63: 263-268 My.31,1922 [Recd.Ag.] no.5

Jour. Bot.

Britten, James

George Simonds Boulger (1853-1922) Journ. Bot. 60: 232-236 Ag.1922 no.716

Griffiths, B.M.

Growth experiments on Spergula and Plantago Journ. Bot. 60: 228-230 Ag.1922 no.716

Journ. Bot. (cont.)

Pearson, W.H.
West Indian Hepaticae Journ. Bot. 60: 217-228
Ag.1922 No.716

Riley, L.A.M.
Meristic floral variation in Galieae Journ. Bot.
60: 230-232 Ag.1922 no.716

Sprague, T.A.
The type-species of Bignonia Journ. Bot. 60: 236-238
Ag.1922 no.716
B.unguis-cati L.

Journ. Landw.
Rippel, August
Die gesetzmässige erforschung von reaktionsgleichgewicht (produktionskurve) und reaktionsgeschwindigkeit (wachstumskurve) bei den höheren pflanzen Journ.Landw.
70: 9-44 Je.1922 [Recd.Ag.31] no.1

Journ. Soc. Nat. Hort. France
Cochet-cochet, Ch
Les roses de l'Egypte ancienne Journ. Soc. Nat.
Hort. France Iv, 23: 269-273 Jl.1922 [Recd.Sept.]

Maladie du plomb. Journ. Soc. Nat. Hort. France
IV, 23: 262 Jl.1922 [Recd.Sept.]
Note on presentation of M. Ducomet

Mottet, Seraphin
La dégénérescence de la pomme de terre Journ. Soc.
Nat. Hort. France IV, 23: 263-268 illus. Jl.1922
[Recd.Sept.]

Medd. Centralanst. Försöksv. Jordbruksomr. Avd. Landtbruksbot.
Henning, Ernst
Om betning mot stinkbrand (Tilletia tritici) stråbrand (Urocystis occulta) och hårdbrand (Ustilago hordei) II. Bidrag till formalinbetningens teknik Meddel. n:r 231 Centralanst. Försöksv. Jordbr. Avdeln. Landtbruksbot.
n:r 24)

Meded. Landbouwhoogesch. Wageningen
Bruyn, Helena L.G.de
The saprophytic life of Phytophthora in the soil
Meded. Landbouwhoogesch. Wageningen v.24, no.4 37,[1]
p. 2 pl. 1922[Recd.Ag.]

Monatsschr. Kakteenk.
Markgraf, Fr.
Die organe der sukkulenten (cont.) Montasschr.
Kaktennk. 32: 82-86 Je.1922 no.6

Schwantes, G.
Mesembrianthemum ferrugineum Schwantes spec. nov.
Monatsschr. Kaktennk. 32: 93-94 Je.1922 no.6

Schwantes, G.
Mesembrianthemum minutiflorum Schwantes spec. nov.
Monatsschr. Kakteenk. 32: 81 Je.1922 no.6

Weingart, Wilhelm
Cereus geometrizans Mart. und verwandte (Schluss)
Monatsschr. Kaktennk. 32: 89-93 Je.1922 no.6

Mycologia
Davis, W.H.
Urocystis agropyri on redtop Mycologia 14:
279-281 illus. Sep.1922 no.5

Mycologia (cont)
Hedgcock, G.G., and Hunt, N.R.
Notes on some species of Coleosporium Mycologia
14: 244-257 pl.20-21 1922 no.5

Murrill, W.A.
Dark-spored agarics IV. Deconica, Atylospora, and
Psathyrella Mycologia 14: 258-278 Sep.1922 no.5

Seaver, F.J.
Studies in tropical Ascomycetes Mycologia 14:
235-238 Sep.1922 no.5
I. Neopeckia diffusa and Herpotrichia albidostoma.

Shear, C.L.
Life history of an undescribed ascomycete isolated
from a granular mycetoma of man Mycologia 14: 239-
243 illus. Sep.1922 no.5
Allescheria boydii

Tanaka, Tyôzabüro
New Japanese fungi. Notes and translations XII
Mycologia 14: 282-295 Sep.1922 no.5

Nachrichtenbl. Deut. Pflanzenschutzd.
Ferdinandsen, C.C.F.
Der pflanzenschutz in Dänemark Nachrichtenbl. Deut.
Pflanzenschutzd. 2: 60-62 Jl. 1922 no.7
"Gastvorlesung an der Landwirtschaftlichen hochschule in Berlin im Februar 1922"

Nature
Cockerell, T.D.A.
Rudbeckia and Aquilegia Nature 110: 278 illus.
Ag. 26, 1922 no.2756
Rudbeckia montana, Aquilegia coerulea albiflora

Gates, R.R.
Interspecific sterility Nature 110: 179-180
Ag.5,1922 no.2753

The Royal botanic society's gardens Nature 110:
185-187 illus. Ag.5,1922 no.2753

Swanton, Ernest W.
Defoliation of oaks Nature 110: 250 Ag.19,1922
no.2755
Defoliation by larvae of Tortrix viridiana at Haslemere, Surrey, England, has recently been followed by an attack of white mildew, Oidium alphitoides, the combined effect being very destructive

The vegetation of high Asia. Nature 110: 170-172
Ag.5,1922 no.2753

Naturwissenschaften
Wangerin, Walther
Die grundfragen der pflanzensoziologie Naturwissenschaften 10: 574-582 no.26 Je.30,1922
Literatur, p.581-582

Oesterr. Bot. Zeitschr.
Geitler, Lothar
Ueber die verwendung von silbernitrat zur chromatophoren-darstellung Oesterr. Bot. Zeitschr. 71: 116-
120 illus. Ap./Je.1922 no.4/6

Ginzberger, August
Zur gliederung des formenkreises von Reichardia
picroides (L.) Roth. Oesterr. Bot. Zeitschr. 71:
73-83 illus. Ap./Je.1922 no.4/6

Oesterr. Bot. Zeitschr. (cont.)
Hayek, August
Versuch einer natürlichen gliederung des formenkreises der Minuartia verna (L.) Hiern. Oesterr. Bot. Zeitschr. 71: 89-116 Ap./Je.1922 no.4/6

Lohwag, Heinrich
Neues über den satanspilz und sine verwandten Oesterr. Bot. Zeitschr. 71: 129-134 Ap./Je. 1922 no.4/6
Luridi group of genus Boletus

Mühldorf, Anton
Ein neuer xeromorpher spaltöffnungsapparat bei den dicotyledonen Oesterr. Bot. Zeitschr. 71: 50-54 illus. 1922 no.1/3

Ronniger, K.
Eine neuer Galium-bastard aus Niederösterreich Oesterr. Bot. Zeitschr. 71: 49-50 illus. Ja./Mr. 1922 no.1/3

Ohio Journ. Sci.
Schaffner, J.H.
The sexual nature of vegetative or dichotomous twins of Arisaema Ohio Journ. Sci. 22: 149-154 Ap.1922 [Sep.]

Parfum. Mod.
Beaupré, J. de
Les derniers cèdres du Liban Parfum. Mod. 15: 123-125 illus. (p.123-126) Jl.1922 no.7
Footnote references

Massy,
L'essence de bois de cèdre de l'Atlas comme succédané de l'essence de santal Parfum. Mod. 15: 129-130 Jl. 1922 no.7
Footnote references
From "Le Maroc-Médical" 15 févr. 1922, p.3

Philipp. Journ. Sci.
Merrill, Elmer
New or noteworthy Philippine plants XVII Philipp. Journ. Sci. 20: 367-476 Ap.1922 [Recd.Sept.] no.4

Physis
Hauman, Lucien, and Castellanos, A.
Bibliografia botánica argentina. Especialmente para los años 1914-1921 (primer suplemento a la obra bibliográfica de F. Kurtz) Physis 5: 263-291 Jl.1922 no.20

Hauman, Lucien
La distribución geográfica del género "Chloraea" Lindl. Physis 5: 293-295 Jl.1922 no.20

Hauman, Lucien
Nótula sobre "Oxycosmyles viscosissima" Speg. Physis 5: 306-307 Jl.1922 no.20
Oxycosmyles viscosissima identical with Ixorhea tschudiana Fenzl

Molfino, José F.
La obra botánica del doctor Emilio Hassler Physis 5: 332-337 Jl.1922 no.20
Bibliografía: p.334-336

Plant. Chron.
Anstead, R.D., and Ballard, W.
Mosquito blight of tea. "Mosquito blight is a symptom and not a disease" Plant. Chron. 17: 443-447 no.30 Jl.1922

Rev. Bot. Appl.
Chevalier, Auguste
Observations sur le noyer Rev. Bot. Appl. 2: 338-342 Jl.31,1922 no.11

Ducomet, Vital, and Foex
Note sur les maladies de la dégénérescence de la pomme de terre Rev. Bot. Appl. 2: 325-330 Jl.31, 1922 no.11

Lotsy, J.P.
La botanique appliquée et l'hybridisme Rev. Bot. Appl. 2: 313-325 Jl.31,1922 no.11

Rev. Hort. Tunisie
Gattefossé, R.M.
L'oléoresine de pyrèthre Rev. Hort. Tunisie 20: 125-126 Ag.15,1922 no.169

Rhodora
Bartram, E.B.
Some Nova Scotia mosses Rhodora 24: 121-124 Je.1922 [Recd.Sep.] no.282

Fernald, M.L.
Polypodium virginianum and P. vulgare Rhodora 24: 125-142 Jl.1922 [Recd.Sep.] no.283

Hanson, H.H.
Leucojum aestivum in Delaware Rhodora 24: 144 Jl.1922 [Recd.Sep.]

Harger, E.B. & others
Additions to the flora of Connecticut Ser.2 Rhodora 24: 111-121 1922 no.282

Parlin, J.C.
Waldsteinia in Maine Rhodora 24: 124 Je.1922 [Recd.Sept.] no.282

Inman, O.L.
Calamagrostis canadensis and some related species Rhodora 24: 142-144 Jl.1922 [Recd.Sept.] no.283

Kidder, N.T.
Carex aestivalis in the Blue Hills Rhodora 24: 144 Jl.1922 [Recd.Sept.] no.283

Taylor, W.R.
Notes on some algae from British Columbia Rhodora 24: 101-111 Je.1922 [Recd.Sept.] no.282

Science
Bonar, Lee
An albino mutation of the dematiaceous fungus Brachysporium trifolii Science 56: 226-227 Ag.25, 1922 no.1443

Farr, C.H.
A damp chamber for microscopes Science 56: 227-228 Ag.25,1922 no.1443

Die Umschau
Binz, A.
Chemotherapie bei pflanzenkrankheiten Umschau 26: 417-419 Jl.27,1922 no.27

Weekbl. Bloembollencult.
Slogteren, E. van
Bestrijding van aaltjesziekten in bolgewassen door middel van warmwater-behandling Weekbl. Bloembollencult. 33: 55-57 Ag.18,1922 no.14

New Books

Ranga Achariyar, K. & Tadulinga Mudaliyar, C.
A handbook of some south Indian grasses Madras
Gov't press, 1921

Reprints from Journals not yet rec'd or not available

Calvino, E.M.de
Estudios biologicos sobre el polen (Trabajo preliminar) Reprinted from Mem. Soc. Cubana Hist. Nat.
Felipe Poey 1922 33 p.
Bibliografía: p.32-33

Pittier, Henry
Acerca de nuestras maderas Reprinted from Cultura
Venezolana no. 38 1922 23 p.

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 92
Indexed Sept. 11-23, 1922.

★ SEP [illegible] 1922

Am. Bee Journ.
Parks, H.B.
Agarita, guajillo and mesquite. Notes on the principal sources of nectar in the semi-arid region of the southwest Amer. Bee Journ. 62: 412-414 illus. S.1922 no.9

Amer. Fern Journ.
Benedict, Ralph Curtiss
Game laws for ferns and wild flowers Amer. Fern Journ. 12: 33-45 illus. Ap.-Je.1922 [Sept.] no.2

Breckenridge, L.P.
Asplenium ebenoides -- a station in North Carolina Amer. Fern. Journ. 12: 64 Apr.-Je.1922 [Sept.] no.2

Graves, E.W.
A fern collecting trip in Cuba Amer. Fern. Journ. 12: 46-53 Apr.-Je.1922 [Sept.] no.2

Kittredge, Elsie M.
Osmunda Claytoniana, forma Mackiana Amer. Fern. Journ. illus. Apr.-Je.1922 [Sept.] no.2

Amer. Journ. Pharm.
Black, Otis F., and Kelly, J.W.
Examination of the fruit of Samuela carnerosana Trelease Amer. Journ. Pharm. 94: 477-479 Jl.1922 no.7

Amer. Journ. Sci.
Chaney, R.W.
Notes on the flora of the Payette formation Amer. Journ. Sci. V, 4: 214-222 S.1922 no.21

Amer. Midl. Nat.
Farwell, O.A.
Corrections in botanical nomenclature Amer. Midl. Nat. 8: 33-35 Ja. 1922 [Recd.Sep.] no.1

Holm, Theodore
Seasonal dimorphism in Arisaema triphyllum Amer. Midl. Nat. 8: 41-48 illus. Mr.1922 [Recd.Sep.] no.2

House, H.D.
Nomenclatorial notes on certain American plants II Amer. Midl. Nat. 8: 61-64 Mr.1922 [Recd.Sep.] no.2

Ann. Inst. Pasteur
Bertrand, Gabriel, and Rosenblatt, Mme.M.
Recherches sur les variations de la teneur en manganèse des feuilles avec l'age Ann. Inst. Pasteur 36: 494-501

Ann. Rep. Quebec Soc. Prot. Plants
Dickson, B.T.
Plant diseases of 1921 in Quebec Ann. Rep. Quebec Soc. Prot. Plants 14(1921/22): 52-58 illus. 1922

Lachaine, O.W.
Sclerotial disease of the potato. Ann. Rep. Quebec Soc. Prot. Plants 14(1921/22): 105-109 illus. 1922
Sclerotinia libertiana

Major, T.G.
An Alternaria disease of Polypodium Ann.Rep. Quebec Soc. Prot. Plants 14(1921/22): 59-61 illus. 1922
Alternaria polypodii n.sp. name tentatively proposed

Arch. Protistenk.

Czurda, Viktor

Ueber ein bisher wenig beobactetes gebilde und andere erscheinungen im kerne von Spirogyra (Setiformis Kütz.) (Zur cytologie der gattung Spirogyra II.) Arch. Protistenk. 45: 163-199 pl. 3-4 Jl.1922

Peterschilka, Franz

Kernteilung und pyrenoidvermehrung bei Mougeotia Arch. Protistenk. 45: 153-162 pl.2 Jl.1922

Zur cytologie der chlorophyten I

Literaturverzeichnis: p. 161-162

Ber. Deut. Bot. Ges.

Haberlandt, Gottlieb

Zur geschichte der physiologischen pflanzenanatomie. Ber. Deut. Bot. Ges. 40: 156-160 Je.1922 no.5

Harms, Hermann

Ueber Luetzelburgia, eine neue gattung der leguminosen aus Brasilien Ber. Deut. Bot. Ges. 40: 177-179 illus. Je.1922 no.5

L. pterocarpoides

Heinricher, Emil

Kreuzungsversuche zwischen Viscum album L. und Viscum cruciatum Sieb. Ber. Deut. Bot. Ges. 40: 174-177 Je. 1922 no.5

Ueber die blüten und die bestäubung bei Viscum cruciatum Sieb. Ber. Deut. Bot. Ges. 40: 168-173 illus. Je.1922 no.5

Meyer, Arthur

Die "hulle" der chromatophoren Ber. Deut. Bot. Ges. 40: 161-167 illus. Je.1922 no.5

Literatur: p.167

Ruhland, Willy

Aktivierung von wasserstoff und kohlensäureassimilation durch bakterien Ber. Deut. Bot. Ges. 40: 180-184 Je.1922 no.5

Literatur: p.184

Ber. Ohara Inst. Landw. Forsch.

Kasai, Mikio

Observations and experiments on the leafroll disease of the Irish-potato in Japan Ber. Ohara Inst. Landw. Forsch. 2: 47-77 1921

Has already appeared in List as reprint

Kondo, Martaro

Ueber die in der landwirtschaft Japans gebrauchten samen (3. mitt.) Ber. Ohara Inst. Landw. Forsch. 2: 95-131 illus. 1921 no.1

Bienn. Rep. Kansas State Hort. Soc.

Freienmuth, William

Blister canker and apple blotch Bienn. Rep. Kansas State Hort. Soc. 36 (1920-21): 140-145 1922

Practical suggestions for control

Melchers, L.E.

Potato diseases prevalent in Kansas, and their control Bienn. Rep. Kansas State Hort. Soc. 36(1920-21): 124-125 1922

Potato scab and tipburn, control experiments

Bull. Agr. Congo Belge

Pieraerts, J.

Les Irgingia oléifères Bull. Agr. Congo Belge 13: 68-82 Mr.1922

Pynaert, L.

Le Jardin botanique de Rio-de-Janeiro (Brésil) Bull. Agr. Congo Belge 13: 205-219 illus. Mr.1922 no.1

Bull. Agr. Res. Inst. Pusa

Sundararaman, S.
Helminthosporium disease of rice Bull. Agr. Res. Inst. Pusa 128 7 p. iv pl. (2 col.) 1922

Bull. Misc. Inform. Kew

Bean, W.J.
The Chinese form of Cornus kousa Bull. Misc. Inform. Kew 1922 p.199 Ag.1922

Kew Royal gardens
Decades kewenses, plantarum novarum in herbario Horti regii conservatarum Decas CVI Bull. Misc. Inform. Kew 1922 p.183-188
---- Diagnoses africanae LXXVI Bull. Misc. Inform. Kew 1922 p. 193-198 no.6

Lewton Brain, L. Bull. Misc. Inform. Kew 1922 p.199 Ag.1922 - died Je.24, 1922 no.6

Van der Bijl, P.A.
A host list of the Polyporeae occurring in the Union of South Africa Bull. Misc. Inform. Kew 1922 p.177-182 no.6

Bull. R. Soc. Tosc. Ortic.

Roster, Giorgio
La resistenza al freddo la identificazione e la nomenclatura della palme con elenco dei giardini d'Italia dove si coltivano all'aria aperta Bull. R.Soc. Toscana Ort. 47: 63-66 Jl./Ag.1922 no.7/8

Bull. Soc. Path. Veg. France

Blaringhem, Louis
Note prélimaire sur l'hérédité de la prolifération et de la duplicature chez Cardamine pratensis L. Bull. Soc. Path. Veg. France 9: 138-144 illus. Ap./Je.1922 no.2

Crépin, Ch
Un oidium de la betterave Bull. Soc. Path. Veg. France 9: 118-119 illus. Ap./Je.1922 no.2

Dufrénoy, Jean
Tumeurs de Sequoia sempervivens Bull. Soc. Path. Veg. France 9: 148-150 illus. Ap./Je.1922 no.2

Foëx, Etienne
Le Schizophyllum commune stipité Bull. Soc. Path. Veg. France 9: 151-152 Ap./Je.1922 no.2

Miège, Emile
Observations sur quelques maladies des plantes cultivées au Maroc, en 1911 Bull. Soc. Path. Veg. France 9: 102-108 Ap./Je.1922 no.2

Sur une maladie de la pomme de terre observée au Maroc Bull. Soc. Path. Veg. France 9: 109-112 Ap./Je.1922 no.2

Rivier, A.
Observations sur le Sclerotinia libertiana Fuck Bull. Soc. Path. Veg. France 9: 134-137 Ap./Je. 1922 no.2

Vincens, François
Maladies des jeunes plants et champignons microscopiques nouveaux observés sur Cinchona en Indochine Bull. Soc. Path. Veg. France 9: 125-133 illus. Ap./Je.1922 no.2

Centralbl. Bakt. Abt. II

Brudny, Viktor
Der reinzuchtapparat type II Centralbl. Bakt. Abt.2, 56: 565-568 illus. Ag.1922 no.23/24

Löhnis, Felix
Zur morphologie und biologie der bakterien Centralbl. Bakt. abt.2, 56: 528-544 ii pl. Ag.1922 no.23/24
Bibliographical footnotes

Il Coltiv.
Ciferri, R.
Sulla batteriosi dei rami d'olivo Il.C lt. 68:
164-168 Ag.1922 no.24

Compt. Rend. Acad. Sci. Paris
Combes, Raoul, & Kohler, Denise
Rôle de la respiration dans la diminution des hydrates de
carbone des feuilles pendant le jaunissement automnal.
Compt. Rend. Acad. Sci. Paris 175: 406-409 1922 no.9

Mangin, Louis
Sur les destruction de charpentes au château de Versailles
par le Phellinus cryptarum Karst. Compt. Rend. Acad. Sci. Paris
175: 389-394 illus. 1922 no.9

Mirande, Marcel
Sur la formation d'anthocyanine sous l'influence de la
lumière dans les écailles des bulbes de certains lis
Compt. Rend. Acad. Sci. Paris 175: 429-430 S.1922 no.10

Flora
Riede, Wilhelm
Die abhängigkeit des geschlechtes von den aussenbedingungen
Flora 115: 259-272 1922 no.4
Literatur: p.272

Schwarzenbach, Fritz
Untersuchungen über die sterilität von Cardamine bulbifera (L.) Crantz unter der annahme eines hybriden ursprungs
dieser art Flora 115: 393-514 pl.xi-xiii 1922 no.4
Verzeichnis der zitierten arbeiten: p. 510-513

Troll, Karl
Die entfaltungsbewegungen der blütenstiele und ihre
biologische bedeutung Flora 115: 293-392 pl.iv-x 1922
no.4
Verzeichnis der zitierten literatur: p. 389-390

Flugbl. K. Biol. Anst. Land- u. Forstw.
Braun, K.
Die fusikladium- oder schorfkrankheit Flugbl. Biol.
Reichanst. Land- u. Forstw. nr.1 aufl. 7 4 p. illus. My.
1922

Pape, Heinrich
Die kleeseide und ihre bekämpfung Flugbl. Biol. Reichanst.
Land- u. Forstw. 43 aufl. 4 4 p. illus. My.1922

Tubeuf, Carl von
Bedeutung und bekämpfung des kirschen-hexenbesens Flugbl.
Biol. Reichanst. Land- u. Forstw. nr. 4 aufl. 3 4 p. illus.
My.1922

Fruit Grow. Fruiterer, Flor. & Mark. Gard.
Carpenter, L.
The uses of chemicals Fruit-Grow. Fruit. Flor. & Mark.
Gard. 54: 330 Ag.24, 1922 no.1395

Gard. Chrong.
Brown, N.E.
Mesembryanthemum and some new genera separated from it (cont)
Gard. Chron. III, 72: 124 illus. Ag.26,1922 no.1861
Conophytum

Jacob, Joseph
Gardeners' calendars no.2 Abercrombie. Gard. Chron. III,
72: 136 S.2, 1922 no.1862

Payne, C.H.
The history of the moss rose (cont.) Gard. Chron. III, 72:
124, 135 Ag.26, S.2, 1922 nos.1861-2

Thatcher, Arthur E.
Chinese trees at Aldenham Gard. Chron. III, 72: 138
illus. Se.1922 no.1861-2

Gard. Chron. (cont.)
Ward, F. Kingdon
Mr. Kingdon Ward's sixth expedition in Asia no.22. An old camp revisited Gard. Chron. III, 72: 122 Ag.26,1922 no.1861

------- ------
No.23. Satisfactory progress Gard. Chron. III, 72: 150-151 S.8,1922 1863

Gartenfl.
Schlechter, Robert
Die gattung Aspasia Ldl. und ihre gattung Gartenfl. 71: 59-61, 98-100 1922

Gartenw.
Sprenger, Carl
Iris-züchtung und iris-verwendung Gartenw. 26: 278-281 Jl.7,1922 no.27

Hacienda
Kellerman, Karl F.
Extirpación del cancro de las arboles del género citrus Hacienda 17: 269-271 illus. S.1922 no.9

Illus. Landw. Zeit.
Schander, Richard
Kartoffelkrankheiten in frühsomme 1922 Illus. Landw. Zeit. 42; 227 Jl.15,1922 no.53/56

Journ. Agr. Prat.
Foëx, Etienne
Les gales de la pomme de terre. (cont.) Journ. Agr. Prat. 149: 111-113 Ag.5,1922 no.31

Journ. Dept. Agr. Victoria
Davey, H.W.
Weeds and their eradication. The bracken fern Journ. Dept. Agr. Victoria 20: 411-414 illus. Jl.1922 no.7

Laidlaw, W.
Brown rot on stone fruits Journ. Dept. Agr. Victoria 20: 442-443 Jl.1922
Control experiments, best results with lime sulphur

Journ. Hered.
Anderson, E. G.
Fine streaked leaves Heritable characters of maize XI Journ. Hered. 13: 91-92 illus. F.1922 [Sep.7]
Paper no.100 Dept. Plant Breed. Cornell no.2

Gaines, Edward F., and Stevenson, F.J.
Rye-wheat and wheat-rye hybrids Journ. Hered. 13: 81-90 illus. F.1922 [F.7] no.2

Gates, R. R.
Some points on the relation of cytology and genetics Journ. Hered. 13: 75-76 F.1922 [S.7] no.2

Harlan, H.V., & Pope, M.N.
The germination of barley seeds harvested at different stages of growth Journ. Hered. 13: 72-75 illus. F. 1922 [Sep.7] no.2

Popenoe, Wilson, & Pachano, Abelardo
The capulín cherry, a superior form of the northern black cherry developed in the highlands of tropical America Journ. Hered. 13: 51-62 illus. F.1922 [Sep. 7] no.2

Journ. Min. Agr. Gt. Brit.
Bewley, W.F.
Anthracnose of the cucumber under glass II Journ. Min. Agr. Gt. Brit. 29: 558-562 S.1922 no.6

Journ. N. Y. Bot. Gard.

Rusby, H. H.
Report of work on the Mulford biological exploration of 1921-22 Journ. N.Y.Bot. Gard. 23: 101-112 Ag.1922 no.272

Seaver, F.J.
Some edible cup-fungi Journ. N. Y. Bot. Gard. 23: 112-115 pl.274 Ag.1922 no.272

Nature

Harrison, J.W.
Interspecific sterility Nature 110: 312 S.2,1922 no.2757

Naturwissenschaften

Baur, Erwin
Die bedeutung der Mendelschen gesetze für die pflanzenzüchtung Naturwissensch. 10: 645-646 Jl.21,1922 no.29

Correns, Carl
Etwas über Gregor Mendels leben und wirken Naturwissensch. 10: 623-631 port. Jl.21,1922 no.29

Warburg, Otto, and Negelein, E.
Ueber den energieumsatz bei der kohlensäureassimilation Naturwissensch. 10: 647-653 Jl.28,1922

Naturw. Wochenschr.

Miehe, Hugo
Der rhythmus im leven der pflanze Naturw. Wochenschr. n.f., 21: 385-393 Jl.9,1922 no.28
Bibliographical footnotes

Nachtsheim, Hans
Gregor Mendel und sein werk Naturw. Wochenschr. n.f., 21: 425-432 illus.(Port.) Jl.30, 1922 no.31

New Zeal. Journ. Agr.

Cockayne, Leonard
An economic investigation of the montane tussock-grassland of New Zealand. XII. The regrassing experiments in central Otago. New Zeal.Journ. Agr. 25: 1-11 Jl.1922

Waters, R.
Cold storage of apples: an investigation of flesh-collapse New Zeal. Journ. Agr. 25: 34-39 Jl.1922 no.1

Cunningham, G.H.
Apple and pear black-spot: their appearance, cause and control New Zeal. Journ. Agr. 25: 20-31 illus. Jl.1922 no.1

Perfum. & Essent. Oil Rec.

Moudgill, K.L. & Krishna Iyer, K.R.
The essential oil from inchi grass (Cymbopogon caesius, Stapf) Perfum. & Essent. Oil Rec. 13: 292-295 Ag.1922 no.9

Pharm. Journ.

Jones, A.J.
The arsenic content of some of the marine algae Pharm. Journ. IV, 55: 86-87 Jl.29,1922 no.3067

Mellor, Ernest M.
The countries our drugs come from II. The Moluccas, or Spice Islands, and other islands of the Dutch East Indies Pharm. Journ. IV, 55: 173-177 illus. Ag.19,1922 no.3070

Phytopath.

Bonar, Lee
The life history of Rosellinia caryae sp. nov. causing a hickory canker and disease Phytopath. 12: 381-385 illus. Ag.1922 no.8
Literature cited, p. 385

Szek [illegible], N.

Phytopath. (cont.)
Ezekiel, W. N.
Photographing tube cultures, Phytopath. 12: 399
Ag.1922, no.8

Fulton, H. R.
Occurrence of Thielaviopsis paradoxa on the coconut
palm in Florida Phytopath. 12: 398-399 Ag.1922 no.8

Hemmi, Takewo
On the occurrence of Mycosphaerella wilt of muskmelons
in Japan Phytopath. 12: 394-397 Ag.1922 no.8
Literature cited, p. 397

Hopkins, E. F.
The effect of lactic acid on spore production by
Colletotrichum lindemuthianum Phytopath. 12: 390-393
illus. Ag.1922 no.8
Literature cited, p. 393

Hursh, C. R.
The relation of temperature and hydrogen-ion concentration
to urediniospore germination of biologic forms of
stem rust of wheat Phytopath. 12: 353-361 diagrs. Ag.
1922 no.8

LaRue, C. D.
Lightning injury to Hevea brasiliensis Phytopath.
12: 386-389 Ag.1922 no.8

Martin, J. P.
Variation in color of pear blight exudate Phytopath.
12: 399-400 Ag.1922 no.8

Siggers, P. V.
Torula ligniperda (Willk.) Sacc. A hyphomycete occurring
in wood tissue Phytopath. 12: 369-374 pl.xxv Ag.1922
no.8
Literature cited, p. 374

Snell, W. H., and Howard, N.O.
Notes on chemical injuries to the eastern white pine
(Pinus strobus L.) Phytopath. 12: 362-368 illus. pl.
xxiv Ag.1922 no.8

Stone, R. E.
Leaf scorch or mollisiose of the strawberry Phytopath.
12: 375-380 illus. Ag.1922 no.8
Literature cited, p.380

Proc. Amer. Acad.
Thaxter, Roland
A revision of the Endogoneae Proc. Amer. Acad. 57:
291-341 iv pl. Je.1922 [Sep.] no.12
List of literature and exsiccati cited: p.339-341

Queensl. Agr. Journ.
White, C.T.
A native fodder tree from North Queensland Queensl.
Agr. Journ. 18: 96-87 illus. Ag.1922 no.2
Sideroxylon pohlmannianum var. vestitum n.var.

White, C. T.
Queensland trees No.13. The crow's apple. Queensl.
Agr. Journ. 18: 89-91 illus. Ag.1922 no.2

Rec. Trav. Bot. Néerl.
Koningsberger, V. J.
Tropismus und wachstum Rec. Trav. Bot. Néerl. 19:
1-136 illus., iii pl. 1922 no.1
Literaturverzeichnis: p. 134-136

Rev. Agr. Puerto Rico
Chardón, C. E.
El "coquí" (Cyperus rotundus L.) Rev. Agr. Puerto Rico 9: 43-46 illus. Ag.1922 no.2

Chardón, C. E., & Veve, R. A.
Sobre la trasmisión del matizado de la caña por medio de insectos Rev. Agr. Puerto Rico 9: 9-20 illus. Ag.1922 no.2

Rev. Hort.
Gerome, Joseph
Au sujet du Camellia, son importance horticole, autrefois et maintenant Rev. Hort. 94: 172-174 no.8
Bibliographical footnotes

Rev. Hort. Tunisie
Sabatier, D.
Ennemis et maladies des plantes potagères Rev. Hort. Tunis. 20: 141-146 S.15,1922 no.170

Rhodora
Bartlett, Harley H.
Color types of Corallorrhiza maculata raf. Rhodora 24: 145-148 Ag.1922 no.284

Fernald, M. L.
Notes on the flora of western Nova Scotia 1921 Rhodora 24: 157-164 Ag.1922 no.284

Grimes, E.J.
Some interesting plants of the Virginia coastal plain Rhodora 24: 148-152 pl.138 Ag.1922 no.284

New England botanical club
Reports on the flora of the Boston district XXXVI Rhodora 24: 152-156 Ag.1922 no.284

Science
Truog, Emil
The feeding power of plants Science 56: 294-299 S.15,1922 no.1446

Wanser, H.M.
Photoperiodism of wheat: a determining factor in acclimatization Science 56: 313-315 S.15,1922 no.1146
Bibliography: p. 314-315

Soil Sci.
Waksman, Selman
The influence of soil reaction upon the growth of actinomycetes causing potato scab. Soil Sci. 14: 61-79 tables Jl.1922 no.1
References p.77-79

Svensk Bot. Tidskr.
Christensen, Carl
On a collection of Pteridophyta from Celebes leg. Dr. W. Kaudern Svensk Bot. Tidskr. 16: 88-102 illus. 1922 no.1

Dahlgren, K.V.O.
Die embryologie der loganiazeengattung Spigelia Svensk Bot. Tidskr. 16: 77-87 illus. 1922 no.1
Literaturverzeichnis: p.85-87

Svedberg, The
Ett bidrag till de statistiska metodernas användning inom växtbiologien Svensk Bot. Tidskr. 16: 1-8 1922 no.1

Die Umschau

Tschermak, Erich
Zum 100. geburtstage Gregor Mendels Umschau
26: 449-453 port. Jl.16,1922 no.29

U. S. Dept. Agr. Bull.

Howard, N.O.
The control of sap-stain, mold and incipient decay in
green wood with special reference to vehicle stock U.S.
Dept. Agr. Bull. 1037 55 p. illus. Ag.19,1922 [Sep.]
Literature cited: p. 52-55

U. S.Dept. Agr.Circ.

Link, G.K.K. & Meier, F.C.
Anthracnose of musk melons U.S.Dept. Agr. Dept. Circ.
217 4 p. pl. My.1922 [Sep.]

Meier, F. C. & Link, G.K.K.
Bacterial spot of cucumbers. U.S.Dept. Agr. Dept. Circ.
234 5 p. pl. Ag.1922

Univ. Calif. Pub. Bot.

Essig, F.M.
The morphology, development and economic aspects of
Schizophyllum commune Fries. Univ. Calif. Publ. Bot. v.7,
no.14, p. 447-498 pl.51-61 Ag.11,1922
Literature cited: p. 473-476

Goodspeed, T.H. & Clausen, R.E.
Interspecific hybridization in Nicotiana. I. On the
results of backcrossing the F1 sylvestris-tabacum hybrids
to sylvestris. Univ. Calif. Publ. Bot. v.11,no.1 p.1-30
1922 Literature cited: p. 30

Johnston, I.M.
Undescribed plants mostly from Baja California Univ.
Calif. Publ. Bot. v.7, no.13, p. 437-446 Ag.7,1922

Zeitschr. Bot.

Brauner, Leo
Lichtkrümmung und lichtwachstumreaktion Zeitschr.
Bot. 14: 497-547 1922 no.8
Literaturverzeichnis: p. 546-547

Renner, Otto
Die wachstumsreaktionen bei licht- und schwerkraftreizung
Zeitschr. Bot. 14: 449-462 1922 no.7
Zitierte literatur: p. 462 no.7

Zeitschr. Indukt. Abstamm. u. Vererbungsl.

Ikeno, Seiitaro
Verebungsversuche über die blütenfarbe bei Portulaca
grandiflora Zeitschr. Indukt. Abstamm. u. Verebungsl.
29: 122-135 1922 no.2

Stein, Emmy
Ueber den einfluss von radiumbestrahlung auf Antirrhinum
Zeitschr. Indukt. Abstamm. u. Vererbungsl. 29: 1-15 illus.
1922 no.1

Zeitschr. Pflanzenernähr. u. Düng. A

Nieschulz, Otto
Unsere bisherigen kenntnisse von der flagellatenkrankheit
der pflanzen Zeitschr. Pflanzenkr. 32: 102-108 illus.
1922 no. 3/4
Literatur: p.107

Pater, B.
Eine neuere abnormität an Digitalis purpurea L.
Zeitschr. Pflanzenkr. 32: 97-102 illus. 1922 no. 3/4

Exper. Stat. Publ.

Boshnakian, Sarkis
The genetics of squareheadedness and of density in wheat, and the relation of these to other characters
Cornell Agr. Exp. Stat. Mem. 53: 801-882 My.1922
Literature cited: p. 881-882

Swingle, Dean Bret, & Morris, H.E.
The brown bark spot of fruit trees. Montana Agr. Exp. Stat. Bull. 146 22 p. illus. D.1921 [1922]
Cause undetermined

Peltier, G. L.
A study of the environmental conditions influencing the development of stem rust in the absence of an alternate host, Nebr. Agr. Exp. Stat. Res. Bull. No.22 15 p. illus. Sep. 1922
The viability of the urediniospores of puccinia graminis tritici form III

New Books

Buchner, Paul
Tier und pflanze in intrazellularer symbiose Berlin, 1921

Gamble, J. S.
Manual of Indian timbers Reprint of 2d ed. with some additions and corrections. London, S.Low, Marston & Co. 1922

Gilg, E., & Brandt, W.
Lehrbuch der pharmakognosie 3. verm. u. verb. aufl. Berlin, J. Springer, 1922

Gourady, J. H.
Text-book of pomology N.Y., Macmillan, 1922

Henslow, F. G. W.
The rose encyclopaedia London, Vickery, Kyrle & Co. 1922

Hookers icones plantarum ser.5, v.1 (whole ser. v.31)
pt. 4, 1922

Morton, B.R.
Tree-repairing Bull. For. Br. Canada no.73 22 p. 1922

Schönland, Selmar
South African Cyperaceae Bot. Surv. So. Afr. Mem. no. 3 1922

Thomson, G. M.
The naturalization of animals and plants in New Zealand Cambridge, University press, 1922

LIBRARY
RECEIVED
★ OCT 1922 ★
U.S. Department of Agriculture

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 93.
Indexed Sept. 25 - Oct. 7, 1922.

Addisonia

Addisonia, 7, no. 2 Je. 1922 [Rec'd Oct.]

Viburnum cassinoides	p.17	col.pl.233
Polystachya minuta	p.19	Col.pl.234
Aconogonum polystachyum	p.21-22	col.pl.235
Anthurium scandens	p.23-24	col.pl.236
Alnus rugosa	p.25-26	col.pl.237
Anoda hastata	p.27-28	col.pl.238
Quamasia esculenta	p.29-30	col.pl.239
Xylophylla epiphyllanthus	p.31	col.pl.240

Agr. Bull. Bermuda

Whetzel, Herbert H.
The pink-root of onions Agr. Bull. Bermuda Dept. Agr. July, 1922 p.4-6

Whetzel, Herbert Hice
Special report ... presented to Board of agriculture in May. [on plant diseases] Agr. Bull. Bermuda Dept. Agr. June, 1922 p. 2-6

Agron. Colon.

Pieraerts, J. & Duchesne, F.
Le copal Agron. Colon. 7: 263-270 Ag. 1922 No. 56

Amer. Bot.

Birch, J. J.
Important movements of plants II Amer. Bot. 28: 107-112 Ag. 1922 no. 3

Bird, Henry
Gardening in an artificial bog Amer. Bot. 28: 97-102 Ag. 1922 no. 3

Clute, W. N.
Plant names and their meanings XII Labiatae Amer. Bot. 28: 115-123 Ag. 1922 no. 3

Old garden flowers III The Monardas Amer. Bot. 28: 95-97 pl. Ag. 1922 no. 3.

Scott, James G.
Aspidium laserpetiifolium in Pennsylvania Amer. Bot. 28: 112-114 illus. Ag. 1922 no. 3

Anexos Mem. Secç. Bot. Inst. Butantan

Hoehne, F. C.
Melastomáceas dos hervários: Horto "Oswaldo Cruz", Museu Paulista" ... etc. Anexos Mem. Secç. Bot. Inst. Butantan v.1, fasc.5 197 p. 21 pl. Ap. 1922

Krause, Kurt
Contribuições ao conhecimento das rubiáceas do Brasil meridional (Beiträge zur kenntnis der rubiaceen südbrasiliens) Anexos Mem. Secç. Bot. Inst. Butantan v.1, fasc.3 32 p. 6 pl. 1922
F. C. Hoehne joint author

Schlechter, Rudolf and Hoehne, F. C.
Contribuições do conhecimento das orquidáceas do Brasil (Beiträge zur orchideenkunde Brasiliens) Anexos Mem. Secç. Bot. Inst. Butantan v.1, fasc.4 68 p. Mr. 1922

Ann. Bot.

Arber, Agnes
On the nature of the "blade" in certain monocotyledonous leaves Ann. Bot. 36: 329-351 illus. Jl.1922 [Rec'd.S.] no.143
List of memoirs cited: p.351

Brown, William
The effect on the germination of fungal spores of volatile substances arising from plant tissues Ann. Bot. 36: 285-300 Jl.1922 [Rec'd S.] no.143
Literature cited: p. 300
Studies in the physiology of parasitism IX

Brown, William
On the preparation and use of collodion osmometers Ann. Bot. 36: 433-439 Jl.1922 [Rec'd S.] no.143

Knight, R.C.
Further observations on the transpiration, stomata, leaf water-content, and wilting of plants Ann. Bot. 36: 361-383 illus. Jl.1922 [Rec'd S.]
Literature cited: p. 383 no.143

Matthews, J.R.
The distribution of plants in Perthshire in relation to "age and area" Ann. Bot. 36: 321-327 Jl.1922 no.143
Literature cited: p. 327

Salisbury, E. J.
The soils of Blakeney Point: a study of soil reaction and succession in relation to the plant covering Ann. Bot. 36: 391-431 illus., pl.xv Jl.1922 [Rec'd S.] no.143

Wormald, H.
Further studies of the "brown rot" fungi I Ann. Bot. 36: 305-320 pl.13-14 Jl.1922 [Rec'd S.] no.143
I. A shoot-wilt and canker of plum trees caused by Sclerotinia cinerea

Ann. Rep. Calif. Avocado Assoc.

Popenoe, Wilson
Avocados of the Chota valley, Ecuador Ann. Rep. Calif. Avocado Assoc. 1921-22 p.35-39 pl.

Beih. Bot. Centralbl.

Cholodnyj, N.
Zur theorie des geotropismus Beih. Bot. Centralbl. abt.1, 39: 222-230 Ag.1922 no.2

Fehér, Daniel
Ueber die abscheidung von harzbalsam auf den jungen trieben unserer einheimischen Populus-arten Beih. Bot. Centralbl. abt.1, 39: 81-103 Ag.5, 1922.
Bibliographical foot notes

Immen, Guido
Zur kenntnis der stoffverteilung bei einigen iris-arten, besonders in ihren blättern Beih. Bot. Centralbl. abt.1, 39: 152-205 Ag.1922

Kisser, Josef
Ueber den mikrochemischen nachweis gelöster kalziumsalze in der pflanze als kalziumtartrat Beih. Bot. Centralbl. abt.1, 39: 116-123 Ag.5, 1922

Kryz, Ferdinand
Korrelationsuntersuchungen an den früchten von Anona squamosa L. und Achras sapota L. Beih. Bot. Centralbl. abt.1, 39: 104-115 Ag.5,1922 no.2.

Beih. Bot. Centralbl.

Pohl, Franz
Zur kenntnis unserer beerenfrüchte Beih. Bot. Centralbl. abt.1, 39: 206-221 illus. Ag.1922 no.2.
Literaturverzeichnis: p. 221

Bol. Soc. Espan. Hist. Nat.

Bubak, Franz
Une nouvelle espèce du genre Urocystis Bol. R. Soc. Españ. Hist. Nat. 22: 205-207 illus. Ap.1922 no.4
Urocystis bolivari on Lolium perenne

Fernández Riofrio, Benito
Datos para la flora micológica de Cataluña Bol. R. Soc. Españ. Hist. Nat. 22: 200-204 Ap.1922 no.4

Rivas Mateos, Marcelo
Nueva especie del género Narcissus Bol. R. Soc. Españ. Hist. Nat. 22: 176 Mr.1922 no.3
N. auricolor

Vidal y Lopez, Manuel
Materiales para la flora marroqui (2) Bol. R. Soc. Españ. Hist. Nat. 22: 54-60 F.1922
Ranunculus repentifolius, Lavatera vidali, Chrysanthemum holophyllum n. sp.

Bot. Gaz.

Arber, Agnes
Leaves of the Farinosae Bot. Gaz. 74: 80-94 pl. i-iii Sep.1922 no.1
Literature cited, p. 92

Eaton, S. V.
Sulphur content of soils and its relation to plant nutrition Bot. Gaz. 74: 32-58 tables Sep.1922
Literature cited, p. 57-58 no.1

Gericke, W. F.
"Magnesia injury" of plants grown in nutrient solutions Bot. Gaz. 74: 110-113 Sep.1922

Robbins, W. J.
Effect of autolized yeast and peptone on growth of excised corn root tips in the dark Bot.Gaz. 74: 59-79 illus. Sep.1922 no.1
Literature cited, p. 79

Sinnott, E. W.
Inheritance of fruit shape in Cucurbita Pepo I Bot. Gaz. 74: 95-103 diag. Sep.1922 no.1
Literature cited, p. 30-31

Willaman, J. J. and Davison, F. R.
Biochemistry of plant diseases IV. Proximate analysis of plums rotted by sclerotinia cinerea Bot. Gaz. 74: 104-109 tables Sep.1922 no.1
Literature cited p. 109

Bothalia

Doidge, E. M.
South African Ascomycetes 2 Bothalia 1: 65-82 illus. 1922 no.2.

Hofmeyer, Joan and Phillips, E.P.
The genus Cyclopia Bothalia 1: 105-109 1922 no.2.

Hofmeyr, Joan and Phillips, E.P.
The genus Olinia Bothalia 1: 97-104 illus. 1922 no.2

Phillips, E. P.
The genus Ochna Bothalia 1: 87-96 1922 no.2.

Bothalia (cont.)
Phillips, E. P.
The thorn pears (Scolopia spp.) Bothalia 1: 83-86 no.2 1922

Bull. Econ. Indochine
Crevost, Ch. & Lemaire, Ch.
Catalogue des produits de l'Indochine (suite) groupe III, matières grasses, classe xiv oleagineux (matieres fluides) Bull. Econ. Indochine n.s., 25: 141-158 Mr./Ap.1922 no.153

Niquet, L.
Compte rendu de Mission forestière au Laos Bull. Econ. Indochine n.s.,25: 101-130 pl., 2 maps Mr./Ap.1922 no.153
Vernacular names

Bull. Illinois Nat. Hist. Surv.
Stevens, F. L.
The Helminthosporium foot-rot of wheat, with observations on the morphology of Helminthosporium and on the occurrence of saltation in the genus Bull. Illinois Nat. Hist. Surv. 14: 77-185 front., illus., diagrs. A-Y, pl. vii-xxxiv. Je.1922 [Rec'd Oct.] no.5.
Literature cited: p. 171-178

Bull. Soc. Dendrol. France
Hickel, Robert
Le sapin de douglas (Pseudotsuga douglasii) Bull. Soc. Dendrol. France 1922 p. 43-79 no.44

Bull. Torr. Club
Ashe, W. W.
Notes on trees and shrubs of the southeastern United States I. The Castanea pumila group Bull. Torr. Club 49: 265-268 Sep.1922 no.9

Rusby, H. H.
New species of trees of medical interest from Bolivia Bull. Torr. Club 49: 259-264 S.1922 no.9
Nectandra coto, Octoea pseudo-coto, Aerodiclidium benense, Guarea bangii, G. alborosea new species.

Tharp, B. C.
Commelinantia, a new genus of the Commelinaceae Bull. Torr. Club 49: 269-275 pl. 10-11 Sep. 1922 no.9

Calif. Citrogr.
Shamel, A. D.
Recent bud selection work in citrus and other industries Calif. Cutrogr. 7: 358, 370-371, 386 illus. S.1922 no.11

Compt.Rend. Acad. Sci. Paris
Bertrand, Gabriel and Mokragnatz, M.
Sur la présence du cobalt et du nickel chez les végétaux Compt. Rend. Acad. Sci. Paris 175: 458-460 S.1922 no.11

Bruyne, Cam de
Idioblastes et diaphragmes des nymphéacées Compt. Rend. Acad. Sci. Paris 175: 452-455 S.1922 no.11.

Compt. Rend. Soc. Biol. Paris
Petrescu, C.
Contribution à l'étude biologique de la flore de Moldavie, champignons parasites des crucifères Compt. Rend. Soc. Biol. Paris 87: 748-749 Jl. 1922 no.27
Cystopus candidus & Peronospora parasitica on Capsella bursa pastoris

Comp. Rend. Soc. Biol. Paris (cont.)

Petrescu, C.

Contribution a l'étude biologique de la flore Moldavie, associations biologiques avec parasitisme simple ou complexe Comp. Rend. Soc. Biol. Paris 87: 750-751 Jl.1922

Contr. Gray Herb.

Macbride, J. F.

Notes on certain leguminosae of the tribe Psoraleae Contr. Gray Herb. 65: 14-23 S.1922

Macbride, J. F.

A revision of Astragalus, subgenus Homabolus, in the Rocky Mountains Contr. Gray Herb. 65: 28-29 S.1922

Macbride, J.F.

Various North American spermatophytes, new or transferred Contr. Gray Herb. 65: 39-46 S.1922

Robinson,B.L.

Dyscritothamnus, a new genus of Compositae Contr. Gray Herb. 65: 24-28 pl.1 S.1922

D. filifolius

Robinson, B. L.

The Mikanias of northern and western South America Contr. Gray Herb. 64: 21-116 Ap.1922

Robinson, B.L.

Records preliminary to a general treatment of the Eupatorieae I- Contr. Gray Herb. 64: 3-21 Ap.1922; 65: 46-54 S.1922

Weatherby, C. A.

The group of Polypodium lanceolatum in North America Contr. Gray Herb. 65: 3-14 S.1922

Deut. Landw. Presse

Hiltner, Lorenz

Hexen- und drudenringe, ringseuche, kartoffelpest und blitzschlag. Deut. Landw. Presse 49: 437-438 Ag.23,1922 no.67

Riehm, Eduard

Mehltau und schwärze des getreides Deutsche Landw. Presse 49: 429-430 col. pl. Ag.10,1922 no.66

Facts about Sugar

Chardon, C. E. and Veve, R.A.

The transmission of cane mosaic Facts about sugar 15: 281,283-284 S.30,1922 no.14

Literature cited: p. 284

Matz, Julius

The gumming disease of sugar cane. Its distribution and present status in Porto Rico - methods of transmission and means of control Facts about Sugar 15: 238-259 S.23,1922

Florida Grow.

Stoutamire, Ralph

Cause of melanose and kindred disease, stem-end rot Florida Grow. v.26, no.14, : p.6 illus. S.30,1922

Flow. Grow.

Brown, C.W.

Gladiolus nomenclature (cont.) Flower Grow. 9: 280-281 O.1922

Gard. Chron.

Thatcher, A. E.

Chinese trees at Aldenham Gard. Chron. III, 72: 166 S.16,1922

Genetics
LaRue, C.D.
The results of selection within pure lines of
Pestalozzia guepini Desm. Genetics 7: 142-201
Mr. 1922 no.2
Literature cited: 182-183

Hedwigia
Lohwag, H.
Kritische bemerkungen zur luridus-gruppe
Hedwigia 63: 323-328 Ag.5,1922 no.6

Jahrb, Wiss,Bot.
Bachmann, F.
Studien über dickenänderungen von laubblättern
Jahrb. Wiss,Bot. 61: 372-429 1922 no. 3
Zitierte literatur: p.428-429

Friedrichs, G.
Die entstehung der chromatopheren aus chondriosomen bei Helodea candensis Jahrb. Wiss. Bot.
61: 430-458 pl.i 1922 no. 3
Literaturverzeichnis: p. 455-458

Noack, K.L.
Entwicklungsmechanik studien an panaschierten pelargonien. Zugleich ein beitrag zur theorie der periklinalchimären Jahrb. Wiss Bot. 61:
[illegible] pl.ii 459-534 illus. 1922 no.3
Zitierte lieteratur: p.533-534

Stark, P. and Drechsel
,, Phototropische reizleitungsvorgänge bei unterbrechung des organischen zusammenhangs. Jahrb.
Wiss. Bot. 61: 339-371 illus. 1922 no. 3

Journ. Agr. Prat.
Foëx, E.
Un charbon de l'orge Journ. Agr.Prat. 149 (n.
s.38): 181 Ag.26,1922 no. 34

Foëx, E.
La maladie verruqueuse de la pomme de terre ou
galle noire. Journ. Agr. Prat. 149:
174-177 col.pl. Ag.26,1922 no.34

Journ. Bot.
Barnhart, J.H.
Plant nomenclature Journ.Bot.60:256-263 S.1922
no.717

Britten, J.
In memory of William Carruthers (1830-1922)
Journ. Bot. 60: 249-256 S. 1922 no.717

Sprague, T. A.
Grauer's "Decuria" Bibliographical notes
LXXXVI. Journ. Bot. 60: 267-272 S.1922 no.717

Journ. Bot. Soc. So. Afr.
Bolus, L.
South African Geraniaceae Journ. Bot.Soc.
So. Afr. 8: 4-7 pl.1 1922 no.

Bolus, Louisa
South African heaths Journ. Bot. Soc. So.Afr.
8: 18-20 pl.3 1922

Compton, R.H.
Medical and aromatic plants in South Africa
Journ. Bot. Soc. So.Afr. 8: 9-11 1922
Selected bibliography: p.11

Journ. Hered.
Richmond, I. J.
A.N.Jones-plant breeder. Some remarkable results in hybridization and root separation. Journ.
Hered. 13: 103-107 illus. Mr.1922 [S.30] no.3

Journ. Hered. (cont.)

Wester, P. J.
The breadfruit, a plea for the preservation of varieties. Journ. Hered. 13: 129-135 illus. Mr.1922 [S.30] no.3.

White, C.T.
An Australian citrus relative, notes on the Russel River lime. Journ. Hered. 13: 119-121 illus. Mr.1922 [S.30] no.3.
Microcitrus inodora

Journ. Soc. Nat. Hort. France

Gérôme, Joseph
Au sujet de l'origine botanique de quelques laitues a couper Journ. Soc. Nat. Hort. France 23: 359-362 Ag.1922

Guillaumin, André
Les Streptocarpus Journ. Soc. Nat. Hort. France 23: 303-314 Ag.1922

Guillaumin, André
Le trempage dés graines Journ. Soc. Nat. Hort. France 23: 321-329 Ag.1922
Bibliographie: p. 328-329

Mottet, Seraphim
Notes sur l'origine et l'evolution des races de glaieuls a floraison estivale. Journ. Soc. Nat. Hort. France 23: 363-368 Ag.1922

Mem. Victoria Mem. Mus. Canada

St. John, Harold
A botanical exploration of the north shore of the Gulf of St. Lawrence including an annotated list of the species of vascular plants Mem. Victoria Mem. Mus. Canada 126 (Biol. Ser. 4) 130 p. illus., 2 fold. maps Mr.1922

Monatsschr. Kakteenk.

Dinter, Karl
Mesembrianthemum Montis Moltkei Monatschr. Kakteenk. 32: 113 Ag.1922 no.8

Harms, Hermann
Ueber die von L.R.Gibbes aus Carolina beschriebenen kakteen Monatsschr. Kakteenk. 32: 123-124 Ag.1922 no.8

Markgraf, Fr.
Die organe der sukkulentun (cont.)
Moratsschr. Kakteenk. 32: 125-127 Ag.1922 no.8

Occas. Papers Bernice Pauahi Bish. Mus.

Brown, Forest B. H.
The secondary xylem of Hawaiian trees. Occas. Papers Bernice Pauahi Bish. Mus. 8: 217-371 illus. 1922.
Bibliography: p. 371

Orchid Rev.

Godfery, M. J.
Spiranthes romanzoffiana Orchid Rev. 30: 261-264 Sep.1922 no.351

Parfum. Mod.

Couderc, Georges
Influence du greffage sur la résistance au froid des aurantiacées Parfum. Mod. 15: 147-151 Ag.1922 no.8

Philipp. Journ. Sci.

Mendiola, N. B.
Effect of different rates of transpiration on the dry weight and ash content of the tobacco plant Philipp. Journ. Sci. 20: 639-655 Je.1922
Literature cited: p. 655 no.6

Philipp. Journ. Sci. (cont.)
Radlkofer, Ludwig
Sapindaceae novae Philippinenses Philipp. Journ. Sci. 20: 657-662 Je.1922 no.6

Pomol. Franç.
Chifflot, J.
La maladie du plomb Pomol. Franç. 1922 p.31-33 F.1922

Potato Mag.
Lutman, B.F.
Relation of structure of potato leaves to tip burn. Potato Mag. 5: 6, 22-23 illus. no.1 S.1922

Proc. Amer. Phil. Soc.
Harshberger, J. W.
Ecologic and morphologic study of the clovers (Trifolium) Proc. Amer. Phil. Soc. 61: 136-150 pl.i-vi 1922 no.2.

MacDougal, D. T.
The probable action of lipoids in growth Proc. Amer. Phil. Soc. 61: 33-52 1922 no.1

Proc. Indiana Acad. Sci.
Andrews, F. M.
Saprolegnia Proc. Indiana Acad. 1921 p.75-77 illus. 1922

Andrews, F. M.
Spirogyra Proc. Indiana Acad. Sci. 1921 p.87-89 1922

Andrews, F. M.
Trillium nivale Proc. Indiana Acad. 1921 p. 81-86 illus. 1922

Andrews, F. M.
Vaucheria. Proc. Indiana Acad. 1921 p.79-80 illus. 1922

Campbell, E. G.
Some aspects of Stone Mountain and its vegetation Proc. Indiana Acad. 1921 p.91-100 illus. 1922

Deam, C.C.
Plants new to Indiana X Proc. Indiana Acad. 1921 p.101-103 1922

Hansen, A. A.
The toll of weeds in Indiana Proc. Indiana Acad. 1921 p.105-109 1922

Heimlich, L. F.
Peloria in Linaria and other plants Proc. Indiana Acad. 1921 p.111-116 illus. 1922

Heimlich, L. F.
Plants of White County IV Proc. Indiana Acad. 1921 p.117-119 1922

Ludwig, C. A.
The growth of tree twigs Proc. Indiana Acad. 1921 p.121-131 1922

Mains, E. B.
Evidence of the seed carriage of the Euphorbia rusts, Uromyces proeminens and Uromyces dictosperma Proc. Indiana Acad. 1921 p.137-139 1922

Mains, E. B.
Observations concerning Puccinia pattersoniana and Puccinia moreniana Proc. Indiana Acad. 1921 p. 133-135 illus. 1922

Van Hook, J. M.
Indiana fungi VI Proc. Indiana Acad. 1921 p.143-148 1922

Proc. Indiana Acad. (cont.)

Yuncker, T.G.

Additions and corrections to the list of Indiana mosses Proc. Indiana Acad. 1921 p.155-156 1922

Repert. Europ. & Med.

Beck-Mannagetta, Gunther

Orobancheae novae Repert. Europ. & Med. 1: 465-472 May 31, 1922 no.30.

Bornmüller, Josef

Zur Gattung Filago. Neue art und formen aus Persien, Palästina und Ägypten Repert. Europ. et Med. 1: 472-475 May 31, 1922 no.30

Repert. Spec. Nov. Fedde

Bitter, Georg

Zur Gattung Physalis. I Repert. Spec. Nov. Fedde 18: 5-7 no.1/3 May 31,1922

Dinter, Karl

Index der aus Deutsch-Südwestafrika bis zum jahre 1917 bekannt gewordenen pflanzenarten X Repert. Spec. Nov. Fedde 18: 13-16 My.31,1922 no.1/3

Fedde, Friedrich

Neue arten aus der verwandtschaft der Corydalis aurea Willd. von Nordamerika X Repert. Spec. Nov. Fedde 18: 32 May,1922. no.1/3

Fedde, Friedrich

Neue arten von Corydalis aus dem Himalaya und den angrenzenden teilen von Tibet. I. Repert. Spec. Nov. Fedde 18: 28-32 My.1922 no.1/3

Fritsch, Karl

Neue Besleria-arten Repert. Spec. Nov. Fedde 18: 7-13 May 31, 1922 no.1/3

Mez, Carl

Drei neue Gramineen aus Papuasien Repert. Spec. Nov. Fedde 18: 26-27 May,1922. no.1/3

Digitaria longissima, Garnotia Mezii, Aristida Loheri, new species

Mez, Carl

Gramineae novae vel minus cognitae V Repert. Spec. Nov. Fedde 18: 1-4 My.31,1922 no.1/3

Urban, Ignaz

Sertum antillanum XIV Repert. Spec. Nov. Fedde 18: 17-26 My.31,1922 no.1/3

Rev. Bot. Appl.

Chevalier, Auguste

Artichauts de montagnes, trois espèces de "Carlina" de la flore subalpine française à réceptacles comestibles. Rev. Bot. Appl. 2: 442-443 Ag.1922 no.12

C. acaulis, C. acanthifolia, C. cynara

Chevalier, Auguste

Enquête sur l'utilisation des orties Rev. Bot. Appl. 2: 420-427 Ag.1922 no.12

Gattefossé, Jean

La pyrèthre de Dalmatie et sa culture Rev. Bot. Appl. 2: 397-402 Ag.1922 no.12

Bibliographie: p. 401-402

Trabut, Louis

Sur les origine du figuier Rev. Bot. Appl. 2: 393-396 Ag.1922 no.12

Rev. Gén. Bot.

Allorge, Pierre

Les associations végétales du vexin français Rev. Gén. Bot. 34: 425-431 Jy.1922 no.403

3. Peuplements de pins silvestres

Rev. Gén. Bot. (cont.)

Carpentier, A.
Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-1919 I Rev. Gén. Bot. 34: 417-427 Jy.1922 no.403
1. Paléozoïque

Jaccard, Paul
Sur le mécanisme du redressement géotropique de la tige des arbres Rev. Gén. Bot. 34: 385-398 illus. Jy.1922 no.403

Ricême, Hillaire
Geotropisme et sensibilité Rev. Gen. Bot. 34: 399-408 Jy.1922 no.403

Surgis, E.
Recherches sur les frankéniacées Rev. Gén. Bot. 34: 409-416 pl. 1-2 Jy.1922 no.403

Rev. Industr. y Agr. Tucamán

Schultz, E. F.
La naranja de verano "lue gim gong" Rev. Industr. y Agr. Tucuman 12: 121-124 illus. F./Mr.1922 no.9/10

Rhodora

Child, H. W.
A New England occurrence of Listera australis Rhodora 24: 187-188 S.1922 no.285

Fernald, M. L.
Hoffmann's Flora of Berkshire County, Massachusetts Rhodora 24: 183-187 S.1922 no.285

Fernald, M. L.
Notes on the flora of western Nova Scotia, 1921 Rhodora 24: 165-180 S.1922 no.285

Long, C.A.E.
Notable additions to the flora of Knox County, Maine. Rhodora 24: 181-183 S.1922 no.285

Schweiz. Apoth. Zeit.

Rosenthaler, Leopold
Beiträge zur blausäurefrage 13-15 Schweiz. Apoth. Zeit. 60: 522-525 S.21,1922

Science

Elmer, O. H.
Mosaic cross-inoculation and insect transmission studies Science 56: 370-372 S.29,1922 no.1448

Garner, W. W., McMurtrey, J.E. and Moss, E.G.
Sand brown, a chlorosis of tobacco and other plants resulting from magnesium deficiency Science 56: 341-342 S.22,1922 no.1447

Harvey, R. B.
Growth of plants in artificial light from seed to seed Science 56: 366-367 S.29,1922 no.1448

Nelson, Ray
Transference of the bean mosaic virus by Macrosiphum solanifolii Science 56: 342-344 S.22, 1922 no.1447

So. Afr. Journ. Nat. Hist.

Phillips, E. P.
A preliminary note on the flora in the neighbourhood of Bethlehem, O.F.S. So. Afr. Journ. Nat. Hist. 3: 10-16 Mr.1922 no.2

Svensk. Bot. Tidskr.

Aulin, Fr R.
Thorgny Ossian Bolivar Napoleon Krok, 1834-1921 Svensk. Bot. Tidskr. 16: 309-314 port. 1922 no.2
Utgivna skrifter: p. 313-314

Svensk Bot. Tidskr. (cont.)

Lagerberg, Torsten
Cordiceps militaris (L.) Link i Sverige
Svensk Bot. Tidskr. 16: 285-290 illus. 1922
no.2

Melin, Elias
Untersuchungen über die Larix-mykorrhiza I
Svensk Bot. Tidskr. 16: 161-196 illus. 1922
no.2.
Literaturverzeichnis: p. 195-196

Svedberg, The
Statistisk vegetationsanalys, Några synpunkter
Svensk Bot. Tidskr. 16: 197-205 1922 no.2
Litteratur: p. 205.

Torreya

Hansen, Albert A.
Austrian field cress: a new weed in the United
States Torreya 22: 73-77 illus. Se./Oc.1922
Roripa austriaca no.5

Pennell, Francis W.
Some overlooked Scrophulariaceae of Rafinesque
Torreya, 22: 77-84 Se./Oc.1922 no.5

Nelson, James C.
A new weed from Oregon Torreya 22: 86-88
Se./Oc.1922 no.5.
Salvia aethiopis, sometimes known as African
sage

Wickenheiser, Herbert C.
Notes on a growth of young white birch
Torreya 22: 84-86 Se./Oc.1922 no.5

Trans. R. Scott. Arbor. Soc.

Murray, J. M.
Plant indicators Trans. Roy. Scott. Arbor.
Soc. 36: 52-57 Jl.1922 no.1

Wilson, Malcolm
The blueing of coniferous timber Trans. Roy.
Scott. Arbor. Soc. 36: 82-92 Jl.1922 no.1

Wilson, Malcolm
The oak mildew Trans. Roy. Scott. Arbor.
Soc. 36: 92-97 Jl.1922

U. S. Dept. Agr. Bull.

Demaree, J.B.
Kernel-spot of the pecan and its cause U. S.
Dept. Agr. Bull. 1102 15 p. illus. S.26,1922
Literature cited: p. 15
Caused by insect punctures

Harvey, R.B. & Wright, R.C.
Frost injury to tomatoes U. S. Dept. Agr.
Bull. 1099 10 p. Ag.1922 [Sept.]
Literature cited: p. 10

U. S. Dept. Agr. Circ.

Wilcox, R. B.
Eastern blue-stem of the black raspberry U.S.
Dept. Agr. Dept. Circ. 227 12 p. pl. Je.1922
[Sept.]
Not the same as bluestem disease of state of
Washington; appears to belong to mosaic diseases.

U. S. Dept. Agr. Farm. Bull.

Orton, W. A. & Meier, F. C.
Diseases of watermelons U. S. Dept. Agr.
Farmers' Bull. 1277 31 p. illus. 1922

Exper. Stat. Publ.

Cary, C. A.

Poisonous action of red buckeye on horses, mules, cattle, hogs and fish   Alabama Agr. Exp. Stat. Bull. 218   20 p.   Je.1922

Aesculus pavia

Coons, G. H.

Copper-dust treatment for stinking smut   Quart. Bull. Mich. Agr. Exp. Stat. 5: 8-11 illus. Ag. 1922 no.1

References cited: p. 11

Roberts, R. H.

The development and winter injury of cherry blossom buds   Res. Bull. Agr. Exp. Stat. Wisc. 52   24 p. illus.   Jl.1922

Literature cited: p. 23-24

NEW BOOKS

Gunther, R. T.

Early British botanists and their gardens
Oxford, University press, 1922

Nakai, T.

Flora sylvatica koreana pt.XII Sarmentaceae, Tiliaceae et Elaeocarpaceae   Mr.1922

Peglion, Vittorio

Le malattie delle piante coltivate 4 ed, riveduta ed ampliata   1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 94.
Indexed Oct.9-21,1922.

LIBRARY
RECEIVED
★ OCT 23 1922 ★
U.S. Department of Agriculture

Agr. Mexicano y Hogar
Escobar, Romulo
Enfermedades criptogámicas de la alfalfa
Agr. Mexicano y. Hogar 38: 254-258 O.1922

Amer. For.
Illick, Joseph
The white oaks Amer. For. 28: 586-592
illus. O.1922 no.346

Amer. Journ. Bot.
Klaphaak, P.J. and Bartlett,H.H.
A preliminary notice of genetical studies of resistance to mildew in Oenothera Amer. Journ. Bot. 9: 446-458 O.1922 No.8
Literature cited: p. 457-458

Turner, T.W.
Studies of the mechanism of the physiological effects of certain mineral salts in altering the ratio of top growth to root growth in seed plants
Amer. Journ. Bot. 9: 415-445 O.1922 no.8
References: p. 444-445

Young, H.C. and Bennett, C.W.
Growth of some parasitic fungi in synthetic culture media Amer. Journ. Bot. 9: 459-469
O.1922 no.8

Amer. Journ. Pharm.
Couch, J.F.
The toxic constituent of greasewood (Sarcobatus vermiculatus) Amer. Journ. Pharm. 94: 631-641
O.1922 no.10

Ann. Naturh. Mus. Wien
Keissler, Karl
Mykologische mitteilungen I Ann. Naturh. Mus. Wien 35: 1-35 1922
Pleospora ranunculi, Mollisia potentillae, Rhabdospora bornmülleri n. sp.

Biochem. Journ.
Chibnall, A. C.
Investigations on the nitrogenous metabolism of the higher plants pt.II. The distribution of nitrogen in the leaves of the runner bean Biochem. Journ.
16: 344-362 1922 no.3
References: p. 362

Boll. R. Staz. Patol. Veg. Rome
Peyronel, Beniamino
Sulla normale presenza di micorize nel grano e in altre piante coltivate e spontanee Bol. Mens. Inform. e Not. R. Staz. Pat. Veg. Roma 3: 43-50
Ap./Je.1922 no.4/6

Bull. Misc. Inform. Kew
Burtt, D. J.
A revision of the South African species of Dianthus Bull. Misc. Inform. Kew 1922
209-223 pl. S.1922 no.7

Bull. Misc. Inform. Kew Add. Ser.
Holland,J.M.
Useful plants of Nigeria pt.4 Bull. Misc. Inform.Kew Add.Ser.v.9,pt.4,p.537-963. 1922
Concludes the work

Bull. Pan. Amer. Union
Popenoe, Wilson
Notes on Peruvian fruits Bull. Pan Amer.
Union 55: 356-365 illusl 0.1922 no.4

Bull. Soc. Mycol. France
Bougault, J.
Emile Bourquelot (1851-1921) Bull. Soc.
Mycol. France 38: 59-68 port. Ag.1922
Publications mycologiques d'Em. Bourquelot:
p.65-68 no.2

Chenantais, J.E.
Notice taxinomique sur le groupe Melanomma
Bull. Soc. Mycol. France 38: 88-92 Ag.1922
no.2

Chrestian, Jules, and Ducellier, L.
L'ergot de l'avoine en Algérie Bull. Agr.
Alg.-Tun.-Mar. II, 28: 121-138 illus. My.1922

Corbière, Louis
Note sur la Boletus sphaerocephalus Barla.
Bull. Soc. Mycol. France 38: 71-77 col.pl.iii
Ag.1922 no.2

Dufour, Léon
Causes de l'apparition, en grande abondance
de certains champignons à la suite d'un incendie
de forêt Bull. Soc. Mycol. France 38: 93-97
Ag.1922 no.2.

Garbowski, L.
La lutte contre le blanc du groseillier (Sphaerotheca mors uvae Berk. et Curt.) Bull. Soc.
Mycol. France 38: 98-99 Ag.1922

Patouillard, Narcisse
Quelques espèces nouvelles de champignons
Bull. Soc. Mycol. France 38: 83-87 Ag.1922 no.2
Erispora n.g. E. parasitica

Peltereau, Ernest
Observations sur les affinités des Boletus
sulfureus Fr. et Boletus sphaerocephalus Barl.
Bull. Soc. Mycol. France 38: 78-82 Ag.1922 no.2

Bull. Torr. Club
Dodge, B. O.
A Lachnea with a botryose conidial stage
Bull. Torr. Club 49: 301-305 illus. 0.1922
L. abundans no.10

Porterfield, W.J. jr.
References to the algae in the Chinese classics
Bull. Torr. Club 49: 297-300 0.1922 no.10

Rowlee, W. W.
The genus Costus in Central America Bull. Torr.
Club 49: 283-292 pl.12-15 0.1922 no.10
C. bracteatus, C. sepacuitensis, C. congestus n.sp.

Shimek, Bohumil
Quercus lyrata in Iowa Bull. Torr. Club 49:
293-295 pl.16-17 0.1922 no.10

Citrus Leaves
Bonequet, P.A.
Progress report on June drop of oranges. After
investigation and experiments, writer believes June
drop caused by fungus and control is feasible
Citrus Leaved v.2, no.10, p.12, 16-17 0.1922
Fungus: Fusarium aurantii

Compt. Rend. Acad. Sci. Paris

Bridel, Marc and Braecke, Marie

Sur la présence d'aucubine et de saccharose dans les graines de Rhinanthus crista-galli L. Compt. Rend. Acad. Sci. 175:532-534 O.1922 no.14

Lecomte, Henri

M. Jules-Aimé Battandier Compt. Rend. Acad. Sci. Paris 175: 505-506 O.1922 no.14.

Mirande, Marcel

Influence de la lumière sur la formation de l'anthocyanine dans les écailles des bulbes de lis Compt. Rend. Acad. Sci. Paris 175: 496-498 S.1922 no.13

Souèges, René

Recherches embryogéniques sur l'Hippuris vulgaris L. Compt. Rend. Acad. Sci. 175: 529-532 O.1922 no.14.

Gard. Chron.

Ward, F.K.

Mr. Kingdon Ward's sixth expedition in Asia no.24 Winter comes in the mountains Gard. Chron.III, 72:178-179 S.23,1922 no.1865

Gartenw.

Becker, Josef

Ueber die züchtung der tomate Gartenw. 26: 312-315 Jl.28,1922 no.30

Pape, Heinrich

Sclerotinia libertiana Fuck. als schädling der tomatenpflanze Gartenw. 26: 309-312 illus. Jl.28,1922 no.30.

Genetica

Haecker, Valentin

Einfach-Mendelnde merkmale Genetica 4:195-234 My./Jl.1922

Hagedoorn, C. and Hagedoorn, A.L.

Cucurbita-strijdvragen Genetica 4: 64-69 Ja.1922

English summary: p. 69

Reply by Dr. Lotsy: p.70

Meunissier, Auguste

Observations sur l'hérédité du caractère "pois à trois cosses" et du caractère "pois chenille" Genetica 4: 279-320 illus. My./Jl.1922 no.3/4

German resumé: p. 384 no.3/4

Indische Mercuur

Jong, A.W.K. de

De aetherische oliën leverende planten van Nederlandsch Oost-Indië en de bereiding van haar oliën. st.13 Indische Mercuur 45: 647-648, 667-668, illus., pl. S.22,29 1922 no.2132-33

Journ. Amer. Soc. Agron.

Jones, D.F.

The productiveness of single and double first generation corn hybrids. Journ. Amer. Soc.Agron. 14: 241-252 S.15,1922 no.6

Literature cited: p. 252

Rast, L.E.

Control of cotton wilt by the use of potash fertilizers Journ. Amer. Soc. Agron. 14: 222-224 illus. S.15,1922

Journ. Dept. Agr. & Techn. Instr. Ireland

Pethybridge, G.H., Lafferty, H.A. & Rhynehart, J.G.

Investigations on flax diseases (3d report) Journ. Dept. Agr. & Techn. Inst. Ireland 22: 103-120 4 pl. Ag.1922 no.2.

Journ. Dept. Agr. Sc. Australia

Samuel, Geoffrey

Brown rot of citrus fruit, its occurrence in South Australia on oranges. Journ. Dept. Agr. Sc. Austr. 26: 112-118 illus. S.1922 no.2.

Journ. Elisha Mitchell Soc.

Ashe, W. W.

Azalea in North Carolina Journ. Elisha Mitch. Sci. Soc. 38: 90-91 S.1922 no.1/2

Coker, W. C. and Beardslee, H.C.

The Laccarias and Clitocybes of North Carolina Journ. Elisha Mitch. Sci. Soc. 38: 98-126 pl. 1, 7-33 (pl.1,col.) S.1922 no.1/2

Lehman,S.G.

Pod and stem blight of the soybean Journ. Elisha Mitch. Sci. Soc. 38: 13 S.1922 no.1/2

Phomopsis sojae

Abstract of paper read before 21st ann. meet. North Carolina Acad.Sci. May,1922

Wolf, F. A.

The fruiting stage of the tuckahoe, Pachyma cocos. Journ. Elisha Mitch. Sci. Soc. 38: 127-137 pl.34-37 S.1922 no.1/2

Literature cited: p. 136-137

Wolf, F.A.

Studies on fermentation of rare sugars by plant pathogenic bacteria. Journ. Elisha Mitch. Sci. Soc. 38: 12-13 S.1922 no.1/2

Abstract of paper read before 21st ann.meet. North Carolina Acad. Sci. May 1922

Yocum, L. E.

Some phases of structure and development of garden pea and white sweet clover seeds as related to hardness. Journ. Elisha Mitch. Sci. Soc. 38: 76-83 pl.5-6 S.1922 no.1/2

Literature cited: p. 82

Journ. Min. Agr. Gt. Brit.

Fenton, E. W.

Spotted medic Journ. Min. Agr. Gt. Brit. 29: 643-648 illus. 0.1922

Medicago arabica All.(M. maculata Sibth.)

Journ. Pharm. & Chim.

Gillot, P.

Variations et migrations des matières sucrées dans la mercuriale vivace (Mercurialis perennis L.) au cours de sa végétation annuelle Journ.Pharm. et Chim. VII, 26:250-258 0.1922 no.7

Journ. Wash. Acad. Sci.

Steiner, G. and Heinly,Helen

The possibility of control of Heterodera radicicola and other plant-injurious nemas by means of predatory nemas, especially by Mononchus papillatus Bastian. Journ. Wash. Acad. Sci. 12: 367-386 illus. 0.4,1922 no.16

References : p. 385-386

Missouri Bot. Gard. Bull.

Medicinal plants of our local flora Missouri Bot. Gard. Bull. 10: 118-123 S.1922 no.7

New Zeal. Journ. Agr.

Cunningham, G.H.

Brown-rot, Sclerotinia cinerea Schroet., its appearance, cause and control New Zeal. Journ. Agr. 25: 83-93 illus. Ag.1922

Literature consulted: p. 93

Nuov. Ann. Min. Agr. Italy
Munerati, Ottaviana
La conservazione della vitalità dei semi delle piante spontanee in superficie del suolo Nuovi Ann. Min. Agr. Italy 2: 243-249 Je.1922

Philipp. Journ. Sci.
Shaw, W. R.
Janetosphaera, a new genus and two new species of Volvox Philipp. Journ. Sci. 20: 477-508 pl.1-5 My.1922 [Rec'd.O.]
Volvox merrilli, V. barberi

Phytopath.
American phytopathological society -- Pacific division
Abstracts of papers presented at the sixth annual meeting ... Salt Lake City, June 22 to 24, 1922 Phytopath. 12: 442-448 S.1922 [O.] no.9

Elliott, J.A, and Crawford, R.F.
The spread of tomato wilt by infected seed Phytopath. 12: 428-434 illus., pl.xxviii. S.1922 [O.] no.9
Literature cited: p. 434

Fawcett, H.S.
A new Phomopsis of citrus in California Phytopath. 12: 419-424 illus. S.1922 [O.] no.9
Literature cited: p. 424
Phomopsis californica n. sp.

Horne, W.T.
A Phomopsis in grape fruit from the Isle of Pines, W.I., with notes on Diplodia natalensis Phytopath. 12: 414-418 illus., pl. xxvi-xxvii S.1922 [O.]
Phomopsis caribaea sp. nov.
Literature cited: p. 417-418

Hubert, E.H.
A staining method for hyphae of wood-inhabiting fungi Phytopath. 12: 440-441 S.1922 [O.] no.9

Johnson, James
The relation of air temperature to the mosaic disease of potatoes and other plants Phytopath. 12: 438-440 illus. S.1922 [O.]

Jones, L.R. and Tisdale, W.B.
The influence of soil temperature upon the development of flax wilt. Phytopath. 12: 409-413 S.1922 [O.] no.9
Literature cited: p. 413.

Leonian, L.H.
Stem and fruit blight of peppers caused by Phytophthora capsici sp. nov. Phytopath. 12: 401-408 illus. S.1922 [O.] no.9
Literature cited: p. 408

Moss, E.H.
Observations on two poplar cankers in Ontario Phytopath. 12: 425-427 S.1922 [O.] no.9
Literature cited: p. 427
Dothichiza populea, Cytospora chrysosperma

Parthasarathy Iyengar, M. O. and Narasimhan, M.J.
A new species of Schizonella Phytopath. 12: 435-438 illus. S.1922 [O.] no.9
S. colemani on Vitis quadrangularis

Proc. Agr. Soc. Trinidad & Tobago
Stell, Frank
Plant protection ordinance and its use Proc. Agr. Soc. Trin. & Tobago 22: 623-632 Ag.1922
Society paper no.780

Proc. Biol. Soc. Wash.

Blake, Sidney F

New Asteraceae from Utah and Nevada Prec. Biol. Soc. Wash. 35: 173-178 O.17, 1922.

Blake, Sidney F.

New plants from South and Central America collected by Wilson Popenoe Proc. Biol. Soc. Wash. 35: 117-124 O.17, 1922.

Blake, Sidney F.

Two new species of Moraceae from South America Proc. Biol. Soc. Wash. 35: 179-180 O.17.1922.

Brosimum columbianum, Brosimopsis diandra

Proc. & Min. Melon Distr. Assoc.

Meier, Fred C.

Disease—a menace to our melon industry Proc. & Min. Melon Distr. Assoc. 8: 57-66 1922.

Proc. Roy. Soc. Ser. B

Balls, W. L and Hancock, H. A.

Further observations on cell-wall structure as seen in cotton hairs Proc. Roy. Soc. Ser. B, 93: 426-440 illus., pl.10 Je.1922 no. 654.

Bibliographical foot notes.

Rhodora

Fernald, Merritt Lyndon

The American variations of Linnaea borealis Rhodora 24: 210-212 O.1922 no. 286.

Fernald, M. L.

Notes on the flora of Western Nova Scotia 1921 Rhodora 24: 201-208 O.1922 no. 286.

Nelson, James C.

Muscari comosum in Oregon Rhodora 24: 208-210 O.1922 no. 286.

Wiegand, Karl McKay

Carex laxiflora and its relatives Rhodora 24: 189-201 O.1922 no. 286.

C. ormostachya, C. crebriflora n. sp.

Riv. Patol. Veg.

Ciferri, R.

Una rara malattia delle foglie del susino Riv. Patol. Veg. 12: 59-64 Ag.1922.

Science

Babcock, E. B. and Collins, J. L.

A case of duplicate genes in Crepis capillaris (L.) Wallr. Science 56: 392 O.6,1922 no.1449.

Babcock, E. B. and Collins, J.L.

Inheritance of glandular pubescence in Crepis capillaris (L.) Wallr. Science 56: 392 O.6 1922. no. 1449.

Wylie, Robert B.

A note on the sperms of Vallismeria Science 56: 422-423 O.13,1922 no. 1450.

Scient. Amer.

Castle, Hemstead

The catapult of the fern, a study of a remarkable mechanism for the dispersal of spores Sci. Amer. 127: 330 illus. No.1922 no. 5.

Soil Sci.

Conn, Harold J.

A microscopic method for demonstrating fungi and Actinomycetes in soil. Soil Sci. 14: 149-151 Ag.1922 no. 2.

Powers, W. L.

Field moisture capacity and wilting point Soil Sci. 14: 159-165 Ag.1922 no. 2.

Soil Sci.

Stewart, John and Smith, E.S.

Some relations of arsenic to plant growth pt. 1-2 Soil Sci. 14: 111-126 illus. Ag.1922 no.2

References: p. 118, 125-126

Waksman, S. A.

The growth of fungi in the soil Soil Sci. 14: 153-157 Ag.1922 no.2.

References: p. 157

Staz. Sper. Agr. Ital.

Campanile, Ciulia

Su di una malattia delle frutta di mandarino (Cytosporina citriperda Camp.) Staz. Sper. Agr. Ital. 55: 5-12 illus. 1922 no.1/3

Succulenta

K., H. F.

De ziekten der cactussen en hare bestrijding Succulenta 4: 58-59 S.23,1922 no.8

Verbeek, Wolthuys, J.J.

Bijdragen tot de kennis der Crassulaceae XI Succulenta 4: 60-61 illus. S.23, 1922 no.8

Trans. Wisc. Acad.

Davis, J. J.

Notes on parasitic fungi in Wisconsin VII-VIII Trans. Wisc. Acad. 20: 399-431. illus., pl.xxx-xxxii 1921[1922]

Denniston, R. H.

A survey of the larger aquatic plants of Lake Mendota Trans. Wisc. Acad. 20: 495-500 illus. fold. tab. 1921 [1922]

References: p.500

Gilbert, E. M.

Cytological studies of the lower Basidiomycetes Trans. Wisc. Acad. 20: 387-397 illus., pl. xxix 1921 [1922]

Bibliography: p. 393-395

I. Dacrymyces

Harper, E. T.

Species of Lentinus in the region of the Great Lakes Trans. Wisc. Acad. 20: 365-385 pl.xiv-xxviii 1921 [1922]

Jones, L. R.

Experimental work on the relation of soil temperature to disease in plants Trans. Wisc. Acad. Sci. 20: 433-459 illus., pl.xxxiii-xxxvii 1921 [1922]

Publications in order of appearance: p.436-437

Overton, J. B.

The organization of the nuclei in the root tips of Podophyllum peltatum Trans. Wisc. Acad. Sci. 20: 275-322 pl.vii 1921 [1922]

Literature cited: p. 315-320

Rickett, H. W.

A quantitative study of the larger aquatic plants of Lake Mendota Trans. Wisc. Acad. 20: 501-527 illus., 3 fold. tab. 1921[1922]

Schuette, H. A. and Hoffman, A.E.

Notes on the chemical composition of some of the larger aquatic plants of Lake Mendota. Trans. Wisc. Acad. 20: 529-531 1921[1922]

I. Cladophora and Myriophyllum

Smith, G.M.

The phytoplankton of the Muskoka region, Ontario Canada Trans. Wisc. Acad. 20: 323-364 pl.viii-xiii 1921[1922]

U. S. Dept. Agr. Bull.
Davis, R.L.
Pedigreed fiber flax U. S. Dept. Agr. Bull. 1092 23 p. illus. S.1922
Bibliography: p. 23

Thompson, H.C. & Beattie, J.H.
Group classification and varietal descriptions of American varieties of sweet potato U.S.Dept. Agr. Bull. 1021 29 p. v9ii pl. (partly col.) Ap.1922 [Rec'd.Oct.]
Bibliography: p. 26-29

U. S. Dept. Agr. Farm. Bull.
Darrow, G.M.
Currants and gooseberries U. S. Dept. Agr. Farm. Bull. 1024 Rev. 40 p. illus. Jl.1922 [Rec'd.Oct.]

Zeitschr. Indukt. Abstamm. u. Vererbungsl.
Hertwig, Günther and Hertwig, Paula
Die vererbung des hermaphroditismus bei Melandrium. Ein beitrag zur frage der bestimmung und verebung des geschlechts Zeitschr. Indukt. Abstamm. u. Vererbungsl. 28: 258-294 1922 no.2
Zitierte literatur: p. 293-294

Exper. Stat. Publ.
Hardenburg, E. V.
A study by the crop survey method of factors influencing the yield of potatoes. Cornell Agr. Exp. Stat. Mem. 57: 1130-1279 illus. Je. 1922
Bibliography: p. 1274-79

Manns, T.F.
Cabbage wilt and stem rot in Delaware Delaware Agr. Exp. Stat. Bull. 132 24 p. illus. Je.1922

Tarr, L.W. and Noble, S.C.
The effect of hydrogen ion concentration upon the growth of seedlings Delaware Agr. Exp. Stat. Bull. 131 (Techn. no.1) 52 p. illus. Je.1922
Literature cited: p. 51-52

Johnson, E.P. and Archer, W.A.
The principal stock poisoning plants of New Mexico. New Mexico Coll. Agr. Extens. Circ. 71 40 p. illus. Je.1922
Bibliography: p. 39-40

NEW BOOKS

Downing, E.R.
A naturalist in the Great Lakes region Chicago Univ. press. 1922

East Indies (Dutch) Dep. van landbouw, nijverheid en handel
De nuttige planten von Nederlandsch-Indië... door K. Heyne v.1, herdruk Batavia, 1922

Güssow, H.T.
Interim report of the Dominion botanist [Canada experiment farms] for the year ending March 31, 1922 73 p. 1922
also includes
Report Dominion field laboratory, Charlottetown, P.E.I. (J.B.McCurry): p.15-22
Report Dominion field laboratory of plant pathology, Fredericton, N.B. (G.C.Cunningham): p.23-30.
Report Dominion field laboratory of plants pathology, St. Catharines, Ont. (W.R.Rankin): p.30-60.
Report Dominion field laboratory of plant pathology, Saskatoon (W.P.Fraser): p.61-72.
Report Dominion field laboratory of plant pathology, Summerland, B.C. (H.R.McLarty): p.73.

New books (cont.)

Ricker, P. L.
A provisional check list of the fungi of the District of Columbia and vicinity Washington, 1922
3, 70 numb. l. 20.5

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 95.
Indexed Oct.23- Nov.4,1922.

RECEIVED
★ NOV 21 1922 ★
U.S. Department of Agriculture

Agric. Colon.

Mameli-Calvino, Eva

Sperimentazione agraria in Somalia Agr. Colon. 16: 355-361 O,1922 no.10

Allg. Bot. Zeitschr.

Kneucker, Andreas

Hans freiherr von Türckheim Allg. Bot. Zeitschr. 24/25: 33-36 Ag.1922 no.9/12

Thellung, Albert

Zur terminologie der adventiv- und ruderalfloristik Allg. Bot. Zeitschr. 24/25: 36-42 Ag.1922 no.9/12

Amer. Nat.

Belling, John and Blakeslee, A. F.

The assortment of chromosomes in triploid daturas Amer. Nat. 56: 339-346 illus. Jl./Ag.1922 no.645

Literature cited: p. 346

Anal. Soc. Cient. Arg.

Spegazzini, Carlos

Micromycetes nonnulli brasilienses Anal. Soc. Cient. Argentina 93: 111-118 illus. 1922 no.3/4

Angew. Bot.

Lundegardh, Henrik

Beiträge aur kenntnis der theoretischen und praktischen grundlagen der kohlensäuredüngung I Angew. Bot. 4: 120-151 no.3

Morstatt, Hermann

Die wissenschaftlichen grundlagen der pflanzenpathologie Angew. Bot. 4: 16-32 Ja./F.1922 no.1

Oberstein, Otto

Beitrag zur prüfung von kartoffelsorten auf ihre widerstandsfähigkeit gegen dem kartoffelkrebs Angew. Bot. 4: 72-74 Mr./Ap.1922 no.2

Literatur: p. 74

Rimbach, August

Die wirkung der wurzelverkürzung bei einigen mutz- und zierpflanzen Angew. Bot. 4: 81-90 illus. Mr./Apr.1922 no.2.

Rippel, August

Die experimentelle erzielung von verbänderten blütenachsen von Taraxacum officinale L. durch seitlichen druck Angew. Bot. 4: 95-106 illus. Mr./Ap.1922 no.2.

Wollenweber, H. W.

Tracheomykosen und andere welkenkrankheiten nebst aussichten ihrer abwehr Angew. Bot. 4:1-14 Ja./F.1922 no.1

Literaturverzeichnis: p. 13-14

Arb. Biol. Reichanst. Land- u. Forstw.

Baunacke, W.

Untersuchungen zur biologie und bekämpfung des rübennematoden Heterodera schachtii Schmidt. Arb. Biol. Reichsanst. Land- u. Forstw. 11: 185-288 v pl. incl. map, fold. tab. 1922 no.3

Beih. Bot. Centralbl.

Herter, W.

Itinera hertiana III. Heteropteridophyta austroamericana (Equisetales, Lycopodiales, Selaginellales, Isoetales austroamericanae) Beih. Bot. Centralbl. abt. 2, 39: 248-256 Ag.1922 no.2

Beih. Bot. Centralbl. (cont.)
Tereg, Elinor
Einige neue grünalgen Beih. Bot. Centralbl. 39: 179-195 pl. i-ii Ag.1922

Ber. Deut. Bot. Ges.
Fritsch, Karl
Ist Cardamine bulbifera als abkömmling eines bastardes aufzufassen? Ber. Deut. Bot. Ges. 40: 193-196 Jl.1922 no.6

Gleisberg, Walther
Vergleichende blüten- und fruchtanatomie der Vaccinium oxycoccus-typen Ber. Deut. Bot. Ges. 40:202-211 illus. Jl.1922 no.6

Rimbach, August
Die wurzelkürvung bei den grossen monokotylenformen Ber. Deut. Bot. Ges. 40: 196-202 Jl. 1922 no.6

Weber, Friedl
Reversible viskositätserhöhung des lebenden protoplasmas bei narkose Ber. Deut. Bot. Ges. 40: 212-216 Jl.1922 no.6
Literatur: p. 216

Ber. Deut. Pharm. Ges.
Vrgoc, A
Das trennungsgewebe einiger offizineller und nicht offizineller kompositenblüten Ber. Deut. Pharm. Ges. 32: 176-208 illus. S.1922 no.6

Ber. K. Lehranst. Obst- u. Gartenb. Proskau
Gleisberg, Walther
Beitrag zur physiologischen bedeutung des anthocyans erläutert an den typen von Vaccinium oxycoccus L. Ber. K. Lehranst. Obst- u. Gartenb. Proskau 1920-21 p.87-93 1922

Biol. Medd. K. Danske Vidensk.

Ostenfeld, C.E.H.
Contributions to West Australian botany III Additions and notes to the flora of extra-tropical West Australia Biol. Med. K. Danske Vidensk. Selsk. v. 3, no.2, 144 p. illus. xii pl. 1921

Purdy, H. A.
Studies on the path of transmission of phototropic and geotropic stimuli in the coleoptile of Avena. Biol. Med. K. Danske Vidensk. Selsk. v.3, no.8, 29 p. illus. 1921
Literature: p. 29

Biol. Zentralbl.
Lundegårdh, Henrik
Zur physiologie und ökologie der kohlensäureassimilation Biol. Zentralbl. 42: 337-358 Ag./S.1922 no.8/9
Zitierte literatur: p. 358

Bol. Agr. São Paulo
Averna Sacca, Rosario
Botryosphaeria dothidea Ces et De Not. Bol. Agr. São Paulo 23: 84-87 illus. Mr./Ap.1922
Cancro das roseiras

Averna Sacca, Rosario
Collectrichum circinans (Berk.) Vogl. Bol. Agr. São Paulo 23: 76-78 illus. Mr./Ap.1922 no.3/4
Anthracnose da cebola

Averna Sacca, Rosario
Macrophoma sp. Bol. Agr. São Paulo 23: 82-84 illus. Mr./Ap.1922 no.3/4
On mango

Bol. Agr. São Paulo

Averna Sacca, Rosario
Megalonectria caespitosa Speg. Bol. Agr. São Paulo 23: 79-82 illus. Mr./Ap.1922
Cancro da romeira

Averna Sacca, Rosario
Puccinia allii (D.C.) Rud. Bol. Agr. São Paulo 23: 72-76 illus. Mr./Ap.1922 no.3/4
Ferrugem da cebola

Vizioli, José
Estudo preliminar da molestia das folhas do cafeeiro causada pela "Hemileia vastatrix" Bol. Agr. São Paulo 23: 87-118, 152-188 illus., fold. map Mr./Ap.-My./Je.1922 no.3/4-5/6
Bibliographia: p. 183-188

Bot. Gaz.

Benson, Margaret
Heterotheca grievii the microsporange of Heterangium grievii Bot. Gaz. 74: 121-142 illus., pl. iv-v O.1922 no.2
Literature cited: p. 141

Coffman, F. A.
Pollination in alfalfa Bot. Gaz. 74: 197-203 illus. O.1922 no.2

Dupler, A. W.
Early embryogeny of Reboulia hemisphaerica Bot. Gaz. 74: 143-157 illus. O.1922 no.2
Literature cited: p. 156-157

Gericke, W. F.
Protective power against salt injury of large root systems of wheat seedlings Bot. Gaz. 74: 204-209 O.1922 no.2

Hyde, Karl C.
Anatomy of a gall on Populus trichocarpa Bot. Gaz. 74: 186-196 pl. vi O.1922 no.2
Caused by Macrophoma tumefaciens

Poole, R. F.
A new fruit rot of tomatoes Bot. Gaz. 74: 210-214 pl.vii. O.1922
Oidium or O spora lactis

Rudolfs, W.
Effect of seeds upon hydrogen-ion concentration of solutions Bot. Gaz. 74: 215-220 O.1922 no.2

Tanner, F. W.
Microbiology of flax retting Bot. Gaz. 74: 174-185 O.1922 no.2
Specific organism Clostridium amylobacter

Walton, G. P.
Specific acidity of water extract and oxalate content of foliage of African sorrel Bot. Gaz. 74: 158-173 illus. O.1922
Literature cited: p. 172-173

Bot. Jahrb. Engl.

Engler, Adolf
Beiträge zur flora von Afrika XLIX Bot. Jahrb. Engl. 57: 609-648 S.1922
Scrophulariaceae africanae. Von A. Engler - Campanulaceae-lobelieae novae Africanae. Von R. Schlechter. - Mehrere neue mesembrianthemum und eine Aloe Diagnoses cephalariarum novarum. Von Z. Szabó. - Ueber die eigenartigen blütenverhältnisse der gattung Endodesmia Benth.

Lauterbach, C.
Beiträge zur flora von Papuasien VIII H.Winkler Die urticaceen Papuasiens Bot. Jahrb. Engl. 57: 529-608 illus. S.1922 no.5

Bot. Mag. Tokyo

Sinotô, Yosito

On the nuclear divisions and partial sterility in Oenothera lamarckiana Ser. Bot. Mag. Tokyo 36: 92-98 illus. Ag.1922 no.428

Literature cited: 98

Terasawa, Yasufusa

Vererbungsversuche über eine mosaikfarbige sippe von Celosia cristata L. Bot. Mag. Tokyo 36: 75-83 Jl.1922 no.427.

Yasuda, Atsushi

Neue arten von Irpex und Polyporus Bot. Mag. Tokyo 36: 84-87 illus. Jl,1922 no.427

I. parvulus, P. kanehirae

Yasuda, Atsushi

Notes on fungi 124-125 Bot. Mag. Tokyo 36: (127)-(129), (138)-(139) Jl., Ag.1922

In Japanese. Daedalea dickinsii n.sp.

Yasuda, Atsushi

Zwei neue arten der agaricaceen Bot. Mag. Tokyo 36: 89-91 illus. Ag.1922 no.428

Panus japonicus, Armillaria gigantea

Broteria Ser. Bot.

Menezes, Carlos A. de

Um antiga lista de plantas da Madeira Broteria Ser. Bot. 20: 12-25 1922 no.1

G. Forster's Plantae atlanticae ex insulis Madeira...

Pires de Lima, Américo

Subsdios para o estudo da flora de Moçambique (cont.) Broteria Ser. Bot. 20: 5-12 1922 no.1

Villar, Emilio del

El género Gossypium en España Broteria Ser. Bot. 20: 49-72 1922 no.2

Bibliografia utilizada: p. 71-72

Bull. Écon. Madagascar

Louvel,

Note sur les bois de Madagascar (suite) Bull. Écon. Madagascar 18: 255-261 plates 1921

Bull. Inst. Egypte

Messeri, V. M.

Sur l'origine du riz et l'histoire de sa culture en Egypte. Bull. Inst. Egypte 4: 25-34 1922

Bibliographical foot notes

Bull. Soc. Hist. Nat. Afr. Nord

Miramond de Laroquette,

Expériences sur le retournement phototropique des feuilles Bull. Soc. Hist. Nat. Afr. Nord. 13: 223-225 1922 no.7

Bull. Mus. Hist. Nat. Paris

Benoist, Raymond

Descriptions d'espèces nouvelles de phanérogames de l'Amérique tropicale Bull. Mus. Hist. Nat. Paris 28: 252-253 1922 no.3

Licania longifolia, Parinarium pajura, Couepia caryophylloides

Bois, Desiré

Essais de culture de quelques variétés de soja au Jardin d'expériences du Muséum, en 1921 Bull. Mus. Hist. Nat. Paris 28: 322-328 1922 no.4

Danguy, Paul

Contribution à l'étude des espèces arborescentes de Madagascar Bull.Mus. Hist. Nat. Paris 28: 247-251 1922

Artabotrys oligospermus, Olax glabriflora,

Bull. Mus. Hist. Nat. Paris (cont.)

Danguy, Paul (cont.)

Apodytes thouvenotii, A. hazomaitse, Schrameckia (n.g.) madagascariensis, Tambourissa thouvenotii

Denis, Maurice

Euphorbiacées malgaches Bull. Mus. Hist. Nat. Paris 28: 254-256 1922

Macaranga imparfaitement connus (M. alnifolia, M. ferruginea); Dalechampia nouveaux (D. perrieri, D. chlorocephala)

Pellegrin, François

Plantae Letestuanae novae ou plantes nouvelles récoltées par M. Le Testu de 1907 a 1919 dans le Mayombe congolais Bull. Mus. Hist. Nat. Paris 28: 312-317 1922 no.4

Centralbl. Bakt. Abt. II.

Blumer, Samuel

Die formen der Erysiphe cichoracearum D.C. Centralbl. Bakt. abt.2, 57: 46-60 Ag.1922 no.1/3

Compt. Rend. Acad. Sci. Paris

Azoulay, Léon

Sur le rapprochement provoqué et spontané des feuillets de Russula queletii (Fr.) Bataille et ses variétés Compt. Rend. Acad. Sci. Paris 175: 597-599 O.1922 no.15

Beauverie, Jean

Sur la "période critique du blé" Compt. Rend. Acad. Sci. Paris 175: 632-635 O.1922 no.16

Blaringhem, Louis

Sur un hybride stérile d'epeautre et de seigle Compt. Rend. Acad. Sci. Paris 175: 635-637 O. 1922 no.16

Bridel, Marc and Braecke, M.

Rhinanthine et aucubine. La rhinanthine est de l'aucubine impure Compt. Rend. Acad. Sci. Paris 175: 640-643 O.1922 no.16

Combes, Raoul, and Kohler, MMle. D.

Ce que deviennent des hydrates de carbone quand meurent les feuilles des arbres Compt. Rend. Acad. Sci. Paris 175: 590-592 O.1922 no.15

Bugnon, Pierre

Sur la position systématique des euphorbiacées Compt. Rend. Acad. Sci. Paris 175: 629-632 illus. O.1922 no.16

Bibliographical foot notes

Davy de Virville, Adrien and Obaton, Fernand

Observations et expéreiences sur les fleurs éphémères. Compt. Rend. Acad. Sci. Paris 175: 637-640 O.1922 no.16

Jonesco, Stan

Transformation d'un chromogène des fleurs jaunes de Medicago falcata sous L'action d'une oxydase Compt. Rend. Acad. Sci. Paris 175: 592-595 O.1922 no.15

Mirande, Marcel

Sur la relation existant entre l'anthocyanine et les oxydases Compt. Rend. Acad. Sci. Paris 175: 595-597 O.1922 no.15

Vuillemin, Paul

Le pétalestème Compt. Rend. Acad. Sci. Paris 175: 558-561 O.1922 no.15

Deut. Landw. Presse
Müller, H.C. and Molz, E.
Neue versuche zur bekämpfung des roggenstengelbrandes Deut. Landw. Presse 49: 491 S.23,1922
no.76

Fühl. Landw. Zeit.
Gehring, A. and Brothuhn, G.
Ueber die wirkung verschiedener beizmittel auf
rüben I Fühl. Landw. Zeit. 71: 281-289 Ag.1922
no.15/16
I. Beizversuche mit germisan

Gard. Chron.
Robertson Proschowsky, A.
Palms of the Riviera Gard. Chron. III, 72:
225 O.14,1922 no.1868
Livistona

Thatcher, A. E.
Chinese trees at Aldenham Gard. Chron. III,
72: 226 O.14,1922 no.1868

Ward, F.K.
Mr. Kingdon Ward's sixth expedition in Asia
no.25 The last mountain journey Gard. Chron. III,
72: 208 O.7,1922 no.1867

Wart disease of potatoes immunity trials
Gard. Chron. III, 72: 229 O.14,1922 no.1868
Trials at testing station of Scottish Board
of agriculture

Gard. Mag.
Knudson, Lewis
Raising seedlings on sugar Gard. Mag.
36: 162-163 illus. N.1922 no.3
Orchids brought up by applied bacteriology

MacDougal, D. T.
How plants endure heat and cold Gard. Mag.
36: 152-154 illus. N.1922 no.3

Geogr. Journ.
Shuttleworth, H. L.
Border countries of the Punjab Himalaya
Geogr. Journ. 60: 241-268 illus. (map), plates
O.1922 no.4
Includes discussion

Japanese Journ. Bot.
Kudo, Yûshan
The labiates of Hokkaido Japanese Journ.
Bot. 1: 87-91 fold. tab. 1922 no.2

Nishimura, Makota
Comparative morphology and development of Poa
pratensis, Phleum pratense and Setaria italica
Japanese Journ. Bot. 1: 55-85 pl.iv-vii 1922
Literature cited: p. 81-83 no.2

Journ. Amer. Pharm. Assoc.
Ballard, C. W.
Histology of cocillana and substitute barks.
Journ. Amer. Pharm. Assoc. 11: 781-787 illus.
Ag./S.1922 no.10

Rusby, H. H.
Some interesting medicinal plants of Bolivia.
Journ. Amer. Pharm. Assoc. 11: 775-781 O.1922
no.10
Coto bark & Cocillana or guapi bark and its
substitutes.

Journ. Bot.

Almquist, Ernest
Linnean species in our days Journ. Bot. 60:
292-296 O.1922 no.71

Journ. Bot.

Britten, James

Henrietta Cerf (1810-1877) Journa Bot. 60: 297-298 O.1922 no.718

Sprague, T. A.

Meristic variation in Papaver dubium Journ. Bot. 60: 299-300 O.1922 no.718

Journ. Gen. Physiol.

Arrhenius, Olof

Absorption of nutrients and plant growth in relation to hydrogen ion concentration Journ. Gen. Phys. 5: 81-88 S.1922 no.1

Bibliography: p. 87-88

Journ. Landw.

Rippel, August

Die gesetzmässige erforschung von reaktionsgleichgewicht (produktionskurve) und reaktionsgeschwindigkeit (wachstumskurve) bei den höheren pflanzen. Journ. Landw. 70: 9-44 Je.1922 no.1

Journ. N.Y. Bot. Gard.

Small, John K.

The botanical fountain of youth. A record of exploration in Florida in April 1920 Journ. New York Bot. Gard. 23: 117-133 pl.275-6. S.1922 no.273

Journ. Pharm. & Chim.

Bridel, Marc

Sur la présence d'un glucoside à essence dans les tiges foliées et les racines du Sedum telephium L. Journ. Pharm. et Chim. VII, 26: 289-298 O.16,1922 no.8

Journ. Wash. Acad. Sci.

Blake, S.F.

Two new species of letterwood(Piratinera) Journ. Wash. Acad. Sci. 12: 391-399 illus. O.19,1922 no.17

P. scabridula, P. velutina

Maxon, W. R.

A new Salvinia from Trinidad Journ. Wash. Acad. Sci. 12: 400-401 O.19,1922 no.17

S. cyathiformis

Standley, P. C.

Diospyros conzatti, a new species of persimmon from Mexico Journ. Wash. Acad. Sci. 12: 399-400 O.1991922 no.17

Landscape Arch.

Hamblin, S. F.

Increasing native perennial flowers Landscape Arch. 13: 1-18 O.1922 no.1

McFarland, J. H.

What about plant quarantine 37? Landscape Arch. 13: 51-55 O.1922 no.1

Maine Naturalist

Bean, Ralph C.

Some Maine orchids Maine Nat. 2: 78-80 Jl.1922 no.2

Fassett, N. C.

Orchids collected at Ocean Point, in the town of Boothbay, Lincoln County, Maine. Maine Nat. 2: 81 Jl.1922 no.2

Lovell, J.H.

Night-blooming flowers Maine Nat. 2: 97-100 2 pl. Jl.1922 no.2

Mitt. Deut. Landw. Ges.

Dietrich, F. O.

Ueber die erkrankung der kartoffeln Mitt. Deut. Landw-Ges. 37: 614-616 O.14,1922 no.41

Nature
  Dixon, H.H.
    Transport of organic substances in plants
  Nature 110: 547-551 O.21,1922 no.2764

  Wallace, R.H.
    Vegetable rennet Nature 110: 543 O.14, 1922 no.2764
    List of plants, asks for additions

Naturw. Wochenschr.
  Schalow, E.
    Vom einfluss der kriege auf die pflanzenverteilung Naturw. Wochenschr. n.f., 21: 499-502 S.10,1922 no.37
    Bibliographical foot notes

  Stark, Peter
    Geschlechtsbestimmung und reduktionsteilung bei basidiomyzeten. Naturw. Wochensch. n.f. 21: 523-525 S.17,1922 no.38

New Zeal. Journ. Sci. & Techn.
  Cockayne, Leonard
    Note concerning a spineless wild-irishman (Discaria toumatou) New Zeal. Journ. Sci. & Techn. 5: 206-209 illus. S.1922 no.4

Parfum. Mod.
  Guillaumin, André
    La myrrhe et le baume Parfum. Mod. 15: 179-180 illus. S.1922 no.9
    Principales sources: p. 180

  Offner, Jules
    A propos d'un genévrier intéressant. Aire géographique du Juniperus thurifera L. et du J. thurifera L. var. gallica De Coincy Parfum. Mod. 15: 181-183 illus. S.1922 no.9
    Bibliographical footnotes

Philipp. Agr.
  Herbert, D. A.
    Cyanophoric plants of the Makiling region
  Philipp. Agr. 11: 11-16 Ag.1922 no.1

  Herbert, D. A.
    The parasitism of Olax imbricata Philipp. Agr. 11: 17-18 illus. Ag.1922 no.1

  Mendiola, Nemesio B. and Magsino, J.R.
    Study of bud variation in Codiaeum variegatum
  Philipp. Agr. 11: 19-22 ii pl. fold. tab. Ag.1922

Philipp. Journ. Sci.
  Shaw, W. R.
    Merrillosphaera, a new genus of Volvocaceae
  Philipp. Journ. Sci. 21: 87-129 illus., pl.1-8 Jl.1922 no.1
    Literature cited: p. 123-124

Proc. Iowa Acad. Sci.
  Anderson, J. P.
    Some Alaska fungi Proc. Iowa Acad. Sci. 27: 99-108 [1922]

  Bode, I. T.
    The relation of the smaller forest areas in nonforested regions to evaporation and movement of soil water. Proc. Iowa Acad. Sci. 27: 137-157 [1922]

  Davis, W. H.
    The teaching of plant pathology Proc. Iowa Acad. Sci. 27: 81-84 [1922]

  Hayden, Ada
    Notes on the distribution of midsummer bee plants in the Mississippi zone of Clayton county Proc. Iowa Acad. Sci. 27: 109-121 illus. [1922]

Proc. Iowa Acad. Sci.

Jaques, H.E.
The downy brome grass in Iowa Proc. Iowa Acad. Sci. 27: 133-135 illus. [1922]
Hordeum jubatum

Pammel, L. H. and King, C. M.
The germination of some trees and shrubs and their juvenile forms, Proc. Iowa Acad. Sci. 27: 75-80 illus. [1922]
Contr. no.3 on the Germination of woody plants

Pammel, L. H. and Cratty, R.I.
Notes on some plants of the Arapahoe national forest and Rocky mountain national park Proc. Iowa Acad. Sci. 27(1920): 51-73 illus. [1922]

Peck, M. E.
The vegetation of Cape Blanco Proc. Iowa Acad. Sci. 27: 85-89 [1922]

Rudnick, R. A. and Bakke, A.L.
The mechanical penetration of the sweet corn pericarp Proc. Iowa Acad. Sci. 27: 129-132 illus. [1922]

Wylie, R. B.
The major vegetation of Lake Okoboji Proc. Iowa Acad. Sci. 27: 91-97 illus. (map) [1922]

Yocum, L.E. and Bakke, A.L.
Comparison of absorption occurring in corn stalk tissue and in prepared biocolloids Proc. Iowa Acad. Sci. 27: 123-127 [1922]

Proc. Nat. Nut Grow. Assoc.

Demaree, J. B.
Pecan disease investigations during 1921 Proc. Nat. Nut Grow. Assoc. 20 (1921): 37-39 [1922]
Abstract of illustrated lecture

Palmer, W. B.
Pecan rosette Proc. Nat. Nut Grow. Assoc. 20(1921): 72-78 [1922]

Reed, C. A.
Pecan varieties Proc. Nat. Nut Grow. Assoc. 20(1921): 88-97 [1922]
Discussion: p. 92-94

Weaver, Walter
Pecan rosette Proc. Nat. Nut Grow. Assoc. 20(1921): 67-72 [1922]

Progr. Agr. & Vitic.

Soursac, Louis
Etude de quelques maladies de la laitue et des moyens de le prévenir ou de les combattre Progr. Agr. et Vitic. 78: 373-377 O.15,1922 no.42

Rep. Bot.Soc. & Exch. Club Brit. Isles

Jenkin, T. J.
Notes on vivipary in Festuca ovina Rep. Bot. Soc. & Exch. Club Brit. Isles 1921 6: 418-432 pl. xi S.1922 no.3

Druce, G. C.
Flora Zetlandica Rep. Bot. Soc. & Exch. Club Brit. Isles 1921 6: 457-546 S.1922 no3

Repert. Europ. & Med.

Beck, Günther ritter von Mannagetta
Plantae europaeae hactenus non ineditae II Repert. Europ. et Medit. 1: 129-132 Ag.1922 no.31

Repert. Europ. & Med. (cont.)

Becker, Wilhelm
Zur veilchenflora Bulgariens Repert. Europ. et Medit. 1: 141-142 Ag.1922 no.31

Bornmüller, Josef
Neues und bemerkenswertes über Verbascum-arten Mazedoniens Repert. Europ. et Medit. 1: 133-141 Ag.1922 no.31

Ugrinski, C. A.
Diagnoses specierum trium generis Orchis nondum vel imperfecte descriptarum Repert. Europ. et Medit. 1: 142-144 Ag.1922
O. kelleriana, O. pseudoparviflora, O. reinhardii

Wolff, Hermann
Athamanta macrosperma spec. nov. ex Attica Repert. Europ. et Medit. 1: 122 Ag.1922 no.31

Wolff, Hermann
Olymposciadium gen. nov. bithynicum Repert. Europ. et Medit. 1: 132 Ag.1922 no.31

Repert. Spec. Nov. Fedde

Becker, Wilhelm
Violae mexicanae pringleanae novae Repert. Spec. Nov. Fedde 18: 125- Ag.1922 no.4/9
V. nuevo-leonensis, V. jalapaënsis

Bitter, Georg
Ergänzungen zur gattung Acaena Repert. Spec. Nov. Fedde 18: 127-128 no.4/9
1. Aus der südchilenischen provinz Chiloé

Bitter, Georg
Ein neues Capsicum aus der sektion decameris Repert. Spec. Nov. Fedde 18: 126-127 Ag.1922
D. eggersii no.4/9

Bitter, Georg
Solana nova vel minus cognita XX Repert. Spec. Nov. 18: 49-71 Ag.1922 no.4/9

Bitter, Georg
Zur gliederung der gattung Saracha und zur kenntnis einiger ihrer bemerkenswerten arten II Repert. Spec. Nov. 18: 99-112 Ag.1922 no.4/9

Mildbraed, Joannes
Plantae novae kamerunenses I Repert. Nov. Spec. Fedde 18: 96-98 Ag.1922 no.4/9
Rinorea hirtella, R. lepidobotrys, Jodes trichocarpa, Cordia perbella

Pfeiffer, Hans
Additamenta ad cognitionem generis Lagenocarpus III. Species numerosae ad exemplaria imprimis in herbariis diversis servata definitae. Repert. Spec. Nov. 18: 72-95 Ag.1922 no.4/9

Pilger, Robert
Eine neue Olyra-art (O. hoehnei) aus Brasilien Repert. Spec. Nov. Fedde 18: 122 Ag.1922 no.4/9

Urban, Ignaz
Sertum antillanum XV Repert. Spec. Nov. 18: 113-122 Ag.1922 no.4/9

Winkler, Hubert
Species novae austro-africanae Repert. Spec. Nov. Fedde 18: 123-124 Ag.1922 no.4/9
Sterculia stenocarpa, Combretum melchiorianum Clerodendron makanjanum

Wolff, Hermann
Thunbergiella gen. nov. umbelliferarum Austro-Africanum Repert. Spec.Nov. Fedde 18: 112 Ag.1922 no.4/9

Rev. Agr. Puerto Rico

Matz, Julius
La enfermedad de la gomosis de la caña de azúcar Rev. Agr. Puerto Rico v.9, no.3, p.11-14 illus. S.1922

Rev. Gén. Bot.

Allorge, Pierre
Les associations végétales du vexin française (suite) Rev. Gén. Bot. 34: 471-480 Ag.1922 no.404

Carpentier, A.
Revue des travaux de paléontologie végétale ... 1910-19 (suite) Rev. Gén. Bot. 34: 463-470 Ag.1922 no.404

Jaccard, Paul
Sur le mecanisme du redressement géotropique de la tige des arbres (suite) Rev. Gén. Bot. 34: 433-441 illus. Ag.1922 no.404

Ricôme, Hilaire
Géotropisme et sensibilité (suite) Rev. Gén. Bot. 34: 442-449 Ag.1922 no.404

Surgis, E.
Recherches sur les Frankéniacées (suite) Rev. Gén. Bot. 34: 450-462 illus. pl. 3-4 no.404

Rev. Hort.

Foëx, Etienne
Les gales de la pomme de terre Rev. Hort. 94: 194-196 col. pl. S.16,1922 no.9

Leray, Ch
Le Rhododendron calophytum Franchet Rev. Hort. 94: 187-190 illus. S.16,1922 no.9

Lesourd, Félicien
De quelques maladies des laitues Rev. Hort. 94: 196-197 illus. S.16,1922 no.9

Rev. Hist. Nat. Appl.

Ducomet, Vital
Les maladies de dégénérescence de la pomme de terre Rev. Hist. Nat. Appl. pt.1, 3: 274-283 S. 1922 no.9

Scient. Agr.

Roberts, H. F.
A new method of corn improvement by selection Sci. Agr. 3: 37-50 O.1922 no.2
Literature list: p. 48-50

Sci. Proc. Roy.Soc. Dublin

Lafferty, H.A. and Pethybridge,G.H.
On a Phytophthora parasitic on apples which has both amphigynous and paragynous antheridia; and on allied species which show the same phenomenon. Sci. Proc. Roy. Dublin Soc. 17: 29-43 pl.i-ii Ag.1922 no.1/10

Scott. Journ. Agr.

Smith, W. G.
A disease of barley ears Scott. Journ. Agr. 5: 414-416 O.1922 no.4

U. S. Dept. Agr. Bull.

Ballard, W. S., Magness, J.R. and Hawkins,L.A.
Internal browning of the yellow Newtown apple U. S. Dept. Agr. Bull. 1104 24 p. ii col. pl. O.1922

Mattoon, Wilbur R.
Longleaf pine. U. S. Dept. Agr. Bul. 1061. 50 p. illus., xxii pl. Jl.1922

U. S. Dept. Agr. Month. Weather Rev.
Hearn, G. D.
Relation of sunlight to plant development
Month. Weather Rev. 50: 423-424 Ag.1922 no.8
Report on experiments of W. W. Garner &
H.A. Allard

Zeitschr. Bot.
Schweidler, E. and Sperlich, A.
Die bewegung der primärblätter bei etiolierten
keimpflanzen von Phaseolus multiflorus Zeitschr.
Bot. 14: 577-597 pl. v-vi 1922

Exper. Stat. Publ.
Stakman, E. C. and Levine, M.N.
The determination of biologic forms of Puccinia
graminis on Triticum spp. Minn. Agr. Exp. Stat.
Techn. Bull. 8 10 p. illus. Jl.1922 [Rec'd O.]
Literature cited: p. 10

Poole, R. F.
Sweet potato diseases in New Jersey New
Jersey Agr. Exp. Stat. Circ. 141 31 p. illus.
S.1922

Fromme, F. D. and Wingard, S. A.
Blackfire and wildfire of tobacco and their
control Virginia Agr. Exp. Stat. Bull. 228
19 p. illus., ii col. pl. Ap.1922 [Rec'd. O.]

State Publications
Glenn, P. A.
Division of plant industry - plant inspection
Ann. Rep. Dept. Agr. Illinois 4(1920/21): 33-39
1922

NEW BOOKS

Bonnier, Gaston
Flore complète fasc.50-54 col. pl. 295-
324 1922

Karsten, G.
Vegetationsbilder r.14, h.2/3 pl.7-18 1922
Mittel-China von H. Handel-Mazzetti

Knoche, Herman
Flora balearica. Etude phytogéographique sur
les Iles Baléares Montpellier, 1921 v.1

Nicolle, Maurice
Les maladies parasitaires des plantes (infestation-infection) Paris, Masson et cie., 1922

Rea, Carleton
British Basidiomycetae Cambridge, University
press, 1922

Ridley, H. N.
The flora of the Malay Peninsula London, L.
Reeve & Co., 1922 v.1 Polypetalae

Rübel, Eduard
Geobotanische untersuchungensmethoden Berlin
Gebrüder Borntraeger, 1922 290 p.

Schneider, Hans
Botanische microtechnik... Des gleichnamigen
werkes von Prof. A. Zimmermann 2. aufl. Jena,
G. Fischer, 1922

Ukers, W. H.
All about coffee N.Y. Tea & coffee trade
journal Co., 1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 96
Indexed Nov.6-18, 1922.

LIBRARY
★ NOV 1922 ★

Ann. Mycol.

Beck, Olga
Eine neue Endomyces-art, Endomyces bisporus
Ann. Mycol. 20: 219-227 illus. 1922 no.3/4

Dietel, Paul
Kleine beiträge zur systematik der uredineen
II Ann. Mycol. 20: 174-177 1922
4. Ueber die systematische stellung von
Coleosporium. 5. Cronartium und Chrysomyxa.
6. Die reduzierten arten. no.3/4.

Fischer, Eduard
Weitere beitrag zur kenntnis der gattung Graphiola Ann. Mycol. 20: 228-237 illus. 1922
no.3/4
G. thaxteri n. sp.

Gäumann, Ernst
Ueber das Septobasidium bogoriense Pat. Ann.
Mycol. 20: 160-173 illus., pl. ii 1922
Zitierte literatur: p. 173 no.3/4

Petrak, Franz
Beiträge zur kenntnis der pilzflora der südlichen Alpenländer und Norditaliens Ann. Mycol.
20: 126-159 1922 no.3/4

Sydow, Hans and Petrak, F.
Ein beitrag zur kenntnis der pilzflora Nordamerikas, insbesondere der nordwestlichen staaten.
Ann. Mycol. 20: 178-218 1922 no.3/4

Sydow, Hans
Weitere mitteilungen zur umgrenzung der gattungen
bei den uredineen Ann. Mycol. 20: 109-125 1922
no.3/4

Boll. Trim. Feder. pro Mont. Roma

Pavari, Aldo
Gli eucalipti Boll. Trim. Feder. pro Mont.
Roma v.1, no.3. 44 p. illus. Jl./S.1922

Bull. Econ. Indochine

Crevost, Ch. & Lemarié, Ch.
Catalogue des produits de l'Indochine (suite)
Bull. Econ. Indoch. n.s. 25: 325-343 My./Je.
1922 no.154

Bull. Dept. Agr. So. Africa

Thomson, M. R. H., Putterill, V. A. and Hobson, George
Investigations on export citrus fruit from South
Africa during 1921 Bull. Dept. Agr. So. Africa
1922, no. 1 69 p. xiv pl., tables

Bull. Soc. Path. Exot.

França, C.
Sur les flagellés parasites des latex (à propos de la note de M. Franchini) Bull. Soc.
Path. Exot. 15: 408-410 Je.1922

Franchini, G.
Flagellés et amibes d'une urticacée exotique,
Ficus parietalis Bull. Soc. Path. Exot. 15:
399-404 illus. Je.1922

Bull. Torr. Club
Doran, W. L.
Effect of external and internal factors on the germination of fungous spores Bull. Torr. Club 49: 313-340 N.1922 no.11
Literature cited: p. 336-340

Il Coltivatore
Petri, Lionello
Il "Gloeosporium olivarum" e i trattamenti dachicidi Il. Colt. 68: 337-340 O.1922 no.29

Compt. Rend. Acad. Sci. Paris
Gard, Mederic
Sur le dépérissement des jeunes noyers en 1922 Compt. Rend. Acad. Sci. Paris 175: 716-718 O.1922 no.17

Mirande, Marcel
Sur la relation existant entre l'acidité relative des tissus et la présence de l'anthocyanine dans les écailles de bulbes de lis exposées à la lumière Compt. Rend. Acad. Sci. Paris 175: 711-713 O.1922 no.17

Souèges, René
Embryogénie des caryophyllacées. Les premiers stades du développement de l'embryon chez le Sagina procumbens L. Compt. Rend. Acad. Sci. Paris 175: 709-711. illus. O.1922 no.17

Country Life
Jekyll, Gertrude
Iberis sempervirens and others Country Life 52: 554-555 illus. O.28,1922

Defensa Agr. Uruguay
Girardi, José
La sarna de las naranjas. Su desastroso desarrollo Defensa Agr. Uruguay 3: 108 Jl.1922 no.7

Sica, Italo
El Excascus deformans. Enrulamineto de las hojas de los durazneros Defensa Agr. Uruguay 3: 100-101 Jl.1922 no.7

Deut. Obstb. Zeit.
Elssmann, E.
Ueber die periodizität der blütenknospen-entwicklung bei obstbäumen insbesondere bei pflaume und kirsche Deut. Obstbauz. 68: 308-310 S.1922 no.35

Erythrea
Jepson, W. L.
Historical note on Carex collection in California Erythrea 8: 5-6 Ja.1922 no.1/12

Mackenzie, Kenneth
Monograph of the California species of the genus Carex Erythrea 8: 7-95 illus. Ja. 1922 no.1/12
Bibliography: p. 8-9

Facts about Sugar
Yoder, P. A.
Some insect pests and diseases of the sugar cane and methods of combating them Sugar cane culture for syrup XII Facts about sugar 15: 402-403, 405 illus. N.11,1922 no.20

Fruit Flower & Veg. Trades Journ.

Webb, G. J.

Brown heart Fruit, Flow. & Veg. Trades Journ. 42: 455 O.21,1922 no.17

Letter from G.J. Webb, director of the Fruit & Produce Exch. of Gt. Brit. to Chas. Brooks, U.S. Dept. of agriculture, and reply from the latter

Fruit, Gard. & Home

Popenoe, Wilson

New and useful fruits from other countries Fruit, Gard. & Home v.1, no.5, p. 16-17, 29 illus. N.1922

Fruit World Australasia

McAlpine, Daniel

The prevention of loss in oversea apple shipments Fruit World Austr. 23: 334-336 illus. O.1922 no.11

With uniformly low temperatures and adequate ventilation, shipments should carry safely. "Pre-cooling" unnecessary

Gard. Chron.

Brown, E.

Some Uganda orchids Gard. Chron. III, 72: 239 illus. O.21,1922 no.1869

Ward, F. K.

Mr. Kingdon Ward's sixth expedition in Asia no.26 Goodbye to Mu-li Gard. Chron. III, 72: 238 O.21, 1922 no.1869

Indian For.

Smythies, E. A.

In the land of the Monbas Indian For. 48: 479-494 S.1922

Scientific results -- flora: p. 491-493

Journ. Dept. Agr. So. Africa

Putterill, V. A.

Plant diseases in the Western province VI. Wood destroying fungi in the orchard Journ.Dept. Agr. 5: 364-368 illus. O.1922 no.4

Journ. For.

Perry, W. J.

Can mistletoe be eradicated by pruning? Journ. For. 20: 627-628 O.1922 no.6

Journ. Hered.

Galloway, B. T.

An historic orange tree Journ. Hered. 13: 163-166 illus. Ap.1922 (N.9) no.4

Griffee, Fred

Breeding oats resistant to stem rust Journ. Hered. 13: 187-190 illus. Ap.1922 (N.9) No.4

Kearney, T. H.

Louis Trabut, botanist and plant breeder. Journ. Hered. 13: 153-160 illus. incl. port. Ap.1922 (N,99) no.4

Awarded the Frank Meyer memorial medal

Sinnott, E. W. and Durham, G. B.

Inheritance in the summer squash Journ. Hered. 13: 177-186 illus. Ap.1922 (N.9) no.4

Journ. R. Hort. Soc.

Bewley, W.
Tomato diseases Journ. Roy. Hort. Soc.
47: 169-174 4 pl. on 2 S.1922 no.2/3

Bowles, E. A.
Yuccas for English gardens Journ. Roy.
Hort. Soc. 47: 103-109 pl. S.1922 no.2/3

Chittenden, F.J.
New or noteworthy plants in the Society's
garden, II. Journ. Roy. Hort. Sco. 47: 192-196 3 pl. on 2 S.1922 no.2/3
Buddleia alternifolia Maxim. -- Buddleia variabilis var. nanhoensis -- Clematis tangutica var.
obtisiuscula Rehder & Wilson. -- Rosae helenae
Rehder & Wilson. -- Blue primroses.

Cuthbertson, William
Lessons for practical men from the International
potato conference Journ. Roy. Hort. Soc. 47:
110-121 S.1922 no.2/3

Grubb, N.H.
Winter pruning experiments with apple trees.
Journ. Roy. Hort. Soc. 47: 139-162 plates
S.1922 no.2/3

Holland, E. J.
Scented roses Journ. Roy. Hort. Soc. 47:
122-132 S.1922 no.2/3

Luxmoore, H. E.
Walafred Strabo: a gardener of the "dark"
ages Journ. Roy. Hort. Soc. 47: 133-138
S.1922 no.2/3

Kolloidchem. Beih.

Samec, M. & Mayer, Anka
Studien über pflanzenkolloide XIII Ueber
synthetische amylophosphorsäuren Kolloidchem.
Beih. 16: 89-98 S.1922 no.1/4

Madroño

Jepson, W. L.
A new species of cypress Madroño 1:75
O.1922 no.4
Cupressus forbesii

Jepson, W.L.
Revision of the California species of the genus
Arctostaphylos Madroño 1: 76-86, 87-96
illus. O.1922 no.4-5
A. pastillosa, A. sensitiva n.sp.
2d pt. dated Ja.1923, rec'd O.1922

Jepson, W. L.
Revision of the California species of the
genus Downingia Torr. Madroño 1: 98-102
illus. Ja.1923 [O.1922]

Malayan Agr. Journ.

South, F. W.
Work of the inspection staff Jan.-Mr.1922
Malayan Agr. Journ. 10: 106-111 Ap.1922
no.4

Malayan For. Rec.

Foxworthy, F. W.
Minor forest products of the Malay peninsula
Malayan For. Rec. 1: 151-217 Mr.1922

Missouri Bot. Gard. Bull.

Medicinal plants of our local flora (cont.)
Missouri Bot. Gard. Bull. 10: 137-142 O.1922
no.8

Missouri Bot. Gard. Bull. (cont.)

Hybrid Nymphaeas Missouri Bot. Gard. Bull.
10: 127-131 pl. 18-20. O.1922 no.8

Monatsschr. Kakteenk.
Markgraf, Fr.
Die organe der sukkulenten Monatsschr. Kakteenk. 32: 133-141 S.1922 no.9
Bibliographical foot notes

Vaupel, Friedrich
Opuntia clavarioides Lk. et Otto Monatsschr.
Kakteenk. 32: 130 pl. S.1922 no.9

Month. Bull. Dept. Agr. Calif.
Detwiler, S. B.
Cooperative white pine blister rust control
Month. Bull. Dept. Agr. Calif. 11: 636-638
Ag./S.1922 no.8/9
At 4th convention West. Pl. Quar. Bd.

Kellerman, K. F.
Address. Month. Bull. Dept. Agr. Calif.
11: 598-600 Ag./S.1922 no.8/9
At Public quarantine conference of Federal
horticultural board, Sacramento, May 31,1922

Wicks, W. H.
Necessity for plant inspection stations
Month. Bull. Dept. Agr. Calif. 11: 662-669
Jl./Ag.1922
At 4th convention West. Pl. Quar. Bd.

Mycologia
Hedgcock, G. G. & Hunt, N.R.
Notes on some species of Coleosporium II
Mycologia 14: 297-310 pl.22-23 N.1922 no.6
C. ipomoeae, C. ribicola, C. solidagnis

Krieger, L. C. C.
A sketch of the history of mycological illustration (higher fungi) Mycologia 14: 311-
331 pl. 24-31 N.1922 no.6
Bibliography: p. 325-331

Murrill, W. A.
Index to Illustrations of fungi, XXIII-XXXIII
Mycologia 14: 332-334 N.1922 no.6

Nature
Evans, I.B.P. and Evans,M.P.
Rise in temperature of living plant tissue
when infected by parasitic fungus Nature
110: 480-481 O.7,1922 no.2762

Scott, D. H.
The early history of the land flora Nature
110: 606-607 N.4,1922 no.2766

New Zeal. Journ. Agr.
Cunningham, G. H.
Occurrence of apothecia of brown-rot in New
Zealand New Zeal. Agr. Journ. 25: 177
S.1922 no.3

Philipp. Journ. Sci.
Sydow, Hans
The Amboina fungi collected by C.B.Robinson
Philipp. Journ. Sci. 21: 131-146 Ag.1922
(Rec'd. Nov.) no.2
Diathrypton, Thyrosoma, Byssogene

Philipp. Journ. Sci.
Shaw, W. R.
Copelandosphaera, a new genus of the Volvocaceae
Philipp. Journ. Sci. 21: 207-232 illus., 4 pl.
Ag.1922 (Rec'd. Nov.)
C. dissipatrix, C. spermatosphaera

Queensl. Agr. Journ.
Jensen, H. I.
The physiography of northern Australia I
Queensl. Agr. Journ. 18: 140-142 S,1922
no.3

Rec. Bot. Surv. India
Blatter, Ethelbert
Flora arabica pt.3 Campanulaceae -- Verbenaceae Records Bot. Surv. India v.8, no.3
1921

Fischer, C.E.C.
A survey of the flora of the Anaimalai Hills
in the Coimbatore district, Madras Presidency
Rec. Bot. Surv. India 9: 1-218 4 pl. on 3
map 1922 no.1

Gage, A.T.
Euphorbiaceae novae e Peninsula Malaya
Rec. Bot. Surv. India 9: 219-249 1922 no.2

Rev. Agr. Com. y Trab. Cuba

Bruner, Stephen
Una nueva planta horticola hallada en el pico
Turquino Rev. Agr. Com. y Trab. Cuba 5: 27-28 illus. 1922 no.5
Species of Rubus resembling Rubus allegheniensis, to be fully described later .

Rev. Agr. Puerto Rico
Chardón, C. E.
Resumen de la literatur sobre el origen de
las enfermedades del "mosaico" en la plantas
Rev. Agr. Puerto Rico v.99 no.4, p.13-22 O,1922
Literatura citada: p. 20-22

Luciano, José
El servicio de inspección y cuarentena de plantas y la introducción de plantas a Puerto Rico
Rev. Agr. Puerto Rico v.9, no. 4, p.37-41 O,1922

Matz, Julius
Recientas investigaziones en el estudio de la
naturaleza del mosaico de la caña de azúcar y
otras plantas Rev. Agr. Puerto Rico v.9,no.4,
p.9-12 O,1922

Rev. Bot. Appl.
Camus, Aimée
Un légume sauvage peu connu Rev. Bot.Appl.
2: 513 S.1922
Allium roseum in use in certain regions of the
Midi, where it replaces the leek

Camus, Aimée
Le "Zizania latifolia" Turcz. légume cultivé
en Asie orientale Rev. Bot. Appl. 2: 465-470
S.1922 no.13

Chevalier, Auguste
Sur une maladie de la lavande cultivée Rev.
Bot. Appl. 2: 482-483 S.1922 no.13
Fungus a form of Pholiota praecox

Quelques fruitiers tropicaux peru connues
Rev. Bot. Appl. 2: 509-513 S,1922 no.13
Extract from P. Lecointe's L'Amazonia brésienne 1922

Philipp. Journ. Sci.
Shaw, W. R.
Copelandosphaera, a new genus of the Volvocaceae
Philipp. Journ. Sci. 21: 207-232 illus., 4 pl.
Ag.1922 (Rec'd. Nov.)
C. dissipatrix, C. spermatosphaera

Queensl. Agr. Journ.
Jensen, H. I.
The physiography of northern Australia I
Queensl. Agr. Journ. 18: 140-142 S,1922
no.3

Rec. Bot. Surv. India
Blatter, Ethelbert
Flora arabica pt.3 Campanulaceae -- Verbenaceae Records Bot. Surv. India v.8, no.3
1921

Fischer, C.E.C.
A survey of the flora of the Anaimalai Hills
in the Coimbatore district, Madras Presidency
Rec. Bot. Surv. India 9: 1-218 4 pl. on 3
map 1922 no.1

Gage, A.T.
Euphorbiaceae novae e Peninsula Malaya
Rec. Bot. Surv. India 9: 219-249 1922 no.2

Rev. Agr. Com. y Trab. Cuba

Bruner, Stephen
Una nueva planta horticola hallada en el pico
Turquino Rev. Agr. Com. y Trab. Cuba 5: 27-28 illus. 1922 no.5
Species of Rubus resembling Rubus allegheniensis, to be fully described later

Rev. Agr. Puerto Rico
Chardón, C. E.
Resumen de la literatur sobre el origen de
las enfermedades del "mosaico" en la plantas
Rev. Agr. Puerto Rico v.99 no.4, p.13-22 0,1922
Literatura citada: p. 20-22

Luciano, José
El servicio de inspección y cuarentena de plantas y la introducción de plantas a Puerto Rico
Rev. Agr. Puerto Rico v.9, no. 4, p.37-41 0.1922

Matz, Julius
Recientas investigaziones en el estudio de la
naturaleza del mosaico de la caña de azúcar y
otras plantas Rev. Agr. Puerto Rico v.9,no.4,
p.9-12 0,1922

Rev. Bot. Appl.
Camus, Aimée
Un légume sauvage peu connu Rev. Bot.Appl.
2: 513 S.1922
Allium roseum in use in certain regions of the
Midi, where it replaces the leek

Camus, Aimée
Le "Zizania latifolia" Turcz. légume cultivé
en Asie orientale Rev. Bot. Appl. 2: 465-470
S.1922 no.13

Chevalier, Auguste
Sur une maladie de la lavande cultivée Rev.
Bot. Appl. 2: 482-483 S.1922 no.13
Fungus a form of Pholiota praecox

Quelques fruitiers tropicaux peu connues
Rev. Bot. Appl. 2: 509-513 S.1922 no.13
Extract from P. Lecointe's L'Amazonia brésienne 1922

U. S. Dept. Agr. Circ.
Kearney, T.J.
The uniformity of Pima cotton U.S.Dept.
Agr. Dept. Circ. 247 6 p. O.1922

Wisconsin Hort.
Henderson, H. W.
Orchard practice for the control of blister
canker of apple trees Wisc. Hort. 13: 18-
21 illus. O.1922 no.2

Exper. Stat. Publ.
Burger, O. F.
Report of plant pathologist Ann. Rep.
Florida Agr. Exp. Stat. 1920/21 p.25r-28r
[1922]

Butler, O. R.
Bordeaux mixture II Stimulatory action New
Hampshire Agr. Exp. Stat. Techn. Bull. 21 50p.
Je.1922
Bibliography: p. 50

Stevens, O. A.
North Dakota weeds North Dakota Agr. Exp.
Stat. Bull. 162 44 p. illus. June,1922.

Musser, A. M. and W. J. Young
Lettuce varieties. So. Carolina Agr. Exp.
Stat. Bull. 215 13 p. illus. tables. O.1922

Fromme, F. D. and Wingard, S. A.
Blackfire or angular-leafspot of tobacco.
Virginia Agr. Exp. Stat. Techn. Bull. 25 43 p.
illus., 2 col. pl. Ap.1922 [Rec'd. N.1922]
Literature cited: p. 42-43

NEW BOOKS

Gt. Britain. Ministry of agriculture and fisheries.
Collected leaflets on weeds. London, 1922
86 p. illus. (Sect. vol. no.6)

Hottes, A. C.
A little books of annuals N.Y. De La Mare Co.
1922

King,Mrs. Francis
The well-considered garden New & rev. ed.
N.Y. 1922

North American flora v.33, pt.1, p.1-110
S.15,1922. Ambrosiaceae, Carduaceae, by P.A.
Rydberg.

Sartory, A. & Maire, L.
Compendium hymenomycetum Fasc. 1-4 1922
Amanita

Schaffner, J.H.
Field manual of trees 2d ed. Columbus,
R.G.Adams & Co., 1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 97.
Indexed Nov.18-Dec.2,1922.

LIBRARY RECEIVED ★ DEC 9 1922 ★

Agron. Colon.

Piernaerts, I. & Duchesne, F.
Le copal Agron. Colon. 7: 294-302 S.1922 no.57

Amer. Bot.

Birch, J. J.
Important movements of plants III Amer. Bot. 28: 159-167 N.1922 no.4

Clute, W.N.
Plant names and their meanings XIII. Labiatae II Amer. Bot. 28: 145-153 N.1922 no.4

Haskin, L. L.
The death camas. Amer. Bot. 28: 141-143 pl. N.1922 no.4

Amer. Journ. Bot.

Kauffman, C.H. & Kerber, H.M.
A study of the white heart-rot of locust, caused by Trametes robiniophila Amer. Journ. Bot. 9: 493-508 illus. N.1922 no.9
Literature cited: p. 508

Levine, Michael
The origin and development of lamellae in Agaricus campestris andiin certain species of Coprinus Amer. Journ. Bot. 9: 509-53 illus., pl.xxviii-xxxv. N.1922
Literature cited: p. 529-530

Sponsler, O. L.
The structure of the starch grain Amer. Journ. Bot. 9: 471-492 illus. N.1922 no.9
Bibliography: p. 491-492

Amer. Nat.

Blakeslee, A.F.,Belling,J. and Harris,J.A.
The probability established by a culture of given size that a mating is capable of producing only dominant individuals Amer. Nat. 56: 458-461 S./O. 1922 no.646

Kempton, J. H.
Linkage between brachysm and adherence in maize Amer. Nat. 56: 461-464 S./O.1922 no.646

Ann. Bolus Herb.

Garside, S.
The pollination of Satyrium bicallosum. Thunb. Ann. Bolus Herb. 3: 147-154 pl.vi S.1922 no.3
Bibliography: p. 153-154

Novitates africanae Ann. Bolus Herb. 3: 123-146 S.1922 no.3

Ann. Rep. Wisc. State Hort. Soc.

Chambers, E. L.
The Weston fire blight control project Ann. Rep. Wisc. State Hort. Soc. 52: 47-51 1922

Humphrey, C. J.
Diseases or ornamental and forest trees. Ann. Rep. Wisc. State Hort. Soc. 52: 92-99 pl. 1922

Toole, William
Our native ferns under cultivation Ann. Rep. Wisc. State Hort. Soc. 52: 35-40 1922

Arch. Jard. Bot. Rio de Janeiro

Campos, P. P.

Uma Octomeria nova Arch. Jard. Bot. Rio de Janeiro 3: 287-288 pl. 25 1922

O. fimbriata

Ducke, Adolpho

Plantes nouvelles ou peu connues de la région amazonienne Arch. Jard. Bot. Rio de Janeiro 3: 1-281 24 pl. 1922

Schlechter, Rudolf

Ueber einige interessante, neue orchidaceen brasiliens Arch. Jard. Bot. Rio de Janeiro 3: 289-293 pl. 26-27 1922

Stelis itatiayae, Octomeria campos-portoi, Leaoa n.g. L. monophylla

Ber. Deut. Bot. Ges.

Bersa, Egon and Weber, F.

Reversible viskositätserhöhung des cytoplasmas unter der einwirkung des elektrischen stromes. Ber. Deut. Bot. Ges. 40: 254-258 illus. O.1922 no.7

Literatur: p. 258

Boas, Friedrich

Die wirkungen der saponinsubstanzen auf die pflanzliche zelle Ber. Deut. Bot. Ges. 40: 249-253 no.7

Literaturbeticht: p. 253

Funk, Georg

Zur geschichte botanischer forschung an der zoologischen station zu Neapel 1872-1922 Ber. Deut. Bot. Ges. 40: 221-241 O.1922 no.7

Verzeichnis botanischer literatur, die aus der, zoologischen station 1872-1922 hervorgegangen ist: p.231-241.

Prianishnikow, Dmitrii

Ueber den aufbau und abbau des asparagins in den pflanzen Ber. Deut. Bot. Ges. 40: 242-248 O.1922 no.7

Biochem. Journ.

Goodson, J. A.

The constituents of the flowering tops of Artemisia afra Jacq. Biochem. Journ. 16: 489-493 1922 no.4

References: p. 493

Biol. Zentralbl.

Steinberger, A. L.

Ueber regulation des osmotischen wertes in den schliesszellen von luft- und wasserspalten Biol. Zentralbl. 42: 405-419 O./N.1922 no.10/11

Literatur-auswahl: p. 418-419

Bot. Not.

Hayek, August

Cirsium sundquistii nov. hybr. (C. eriophorum x spinosissimum) Bot. Not. 1922 p.268 no.5

Murbeck, Sv.

Species nonnullae novae maroccanae I Bot. Not. 1922 p.269-276 no.5

Samuelsson, Gunnar

Zwei neue Epilobium-arten aus der Arktis Bot. Not. 1922 cp. 259-267 illus. no.5

E. arcticum, E. tundrarum

Brooklyn Bot. Gard. Rec.

Gager, C. S.

The first "botanic" garden in Brooklyn
Brooklyn Bot. Gard. 11: 115-118 0.1922 no.4

Garden established by Andre Parmentier in 1825

Gager, C.S.

Historical note concerning the Brooklyn Hunt botanical garden Brooklyn Bot. Gard. Rec. 11: 118-121 0.1922 no.4

Bryologist

Britten, E. G.

On some mosses from the Blue Mountain of Cuba
Bryologist 25: 89-90 S.1922 (Rec'd.N.) no.5

Dixon, H. N.

The mosses of the Oxford university expedition to Spitzbergen, 1921 Bryologist 25: 86-89 S.1922 (Rec'd N.) no.5

Dixon, H.N.

Note on a form of Pottia heimii from Greenland
Bryologist 25: 92-93 S.1922 (Rec'd N.) no.5

Evans, Alexander

Recent studies on certain species of Riccia
Bryologist 25: 81-86 S.1922 (Rec'd N.) no.5

Literature cited: p. 86

Thériot, Irenée

Leptobryum escomeli Ther. sp. nov. Bryologist 25: 90-92 illus. S.1922 (Rec'd. N.)

Bull. Misc. Inform. Kew

Craib. W.G.

Contributions to the flora of Siam Additamentum XIII Bull. Misc. Inform. Kew 1922 p.225-241 no.8

Pearson, W.H.

Note on Jungermannia humilis Bull. Misc. Inofrm; Kew 1922 p.248-253 illus.

Leioscyphus humilis (Hook. & Tayl.)Pearson; L. patagonicus, Lophocolea subretusa, Conoscyphus flaccidus n. sp.

Uphof, J. C. T.

Fruit culture in Florida Bull. Misc. Inform. Kew 1922 p.241-248

Resumé of paper by Dr. Uphof

Bull. R. Soc. Tosc. Ortic.

Roster, Giorgio

La resistenza al freddo, la identificazione e la nomenclatura delle palme, con elenco dei giardini d'Italia dove si coltivano all'aria aperta Bull. R. Soc. Tosc. Ort. 47: 79-83 S./O.1922 No.9/10

Bull. So. Calif. Acad. Sci.

Davidson, Anstruther

New botanical species from S. California Bull. So. Calif. Acad. 21: 39-41 illus. O.1922

Langloisia flaviflora, Allium tenellum, Fritillaria ojaiensis n. sp.

Feudge, J.B.

Notes on some San Bernardino plants Bull. So. Calif. Acad. 21: 41-42 O.1922 no.2

Fraseri parryi, Purshia glandulosa, Prunus gasciculata, Yucca mohavensis

Calif. Citrogr.

Carroll, R. A.

Cutting grooves on lemon tree trunks to control gum disease. Calif. Citrogr. 8: 48- illus. D.1922

Canad. Field Nat.

Adamstone, F.B.
Myxomycetes of the Lake Nipigon district Canad. Field Nat. 36: 129-131 O.1922 no.7

Morris, F.
Bladderworts of Ontario Canad. Field Nat. 36: 123-126 O.1922 no.7

Compt. Rend. Acad. Agr. France

Foëx, Etienne
La dartrose de la pomme de terre Compt. Rend. Acad. Agr. France 8: 844-848 N.1922 no.32
Vermicularia varians.

Le Moult, Léopold
La destruction des insectes nuisibles par leurs parasites Compt. Rend. Acad. Agr. France 8: 819-823 O.1922 no.31

Perret, Claude
La dessiccation prémature des pieds de pommes de terre. Compt. Rend. Acad. Agr. France 8: 848-851 N.1922 no.32
"Maladie du flétrissement"

Compt. Rend. Acad. Sci. Paris

Bridel, Marc and Charaux, C.
La centauréine, glucoside nouveau, retiré des racines de Centaurea jacea L. Compt. Rend. Acad. Sci. Paris 175: 833-835 N.1922 no.19

Davy de Virville, Adrien and Obaton, F.
Sur l'ouverture et la fermeture des fleurs météoriques persistantes Compt. Rend. Acad. Sci. Paris 175: 841-843 N.1922 no.19

Molliard, Marin
Influence des sels de cuivre sur le rendement du Sterigmatocystis nigra Compt. Rend. Acad. Sci. Paris 175: 838-841 N.1922 no.19

Nicolas, E. and Nicolas G.
L'action de l'hexaméthylènetétramine sur les végétaux supérierus Compt. Rend. Acad. Sci. Paris 175: 836-838 N.1922 no.19

Compt. Rend. Soc. Biol. Paris

Gabriel, C.
Adaptation a la vie en eau salée d'une hépatique terrestre (Pellia fabroniana Raddi) Compt. Rend. Soc. Biol. Paris 87: 850-852 1922 no.28

Gabriel, C.
Sur la flore halophile des sources salées de Barjols Compt. Rend. Soc. Biol. Paris 87: 848-850 1922 no.28

Raybaud, L.
Contribution a l'étude du Mucor racemosus. Germination de la spore Compt. Rend. Soc. Biol. Paris 87: 852-854 1922 no.28

Flor. Exch.

Benedict, R. C.
What we know about Boston ferns I- Florist Exch. 54: 1123, 1125, 1219, 1247, 1346, 1395, 1397.

Gard. Mag.

Sherrard, T.H. and Sherrard, D.
Gardening with Oregon wild flowers Gard. Mag. 36: 212-214 illus. D.1922 no.4

Gard. Chron.
Brown, E.
Some Uganda orchids (cont.) Gard. Chron. III,
265 illus. N.4,1922

Robertson-Proschowsky, A.
Palms of the Riviera (cont.) Gard. Chron.
III, 72: 283 N.11,1922 no1872
Sabal

Ward, F. K.
Mr. Kingdon Ward's seventh expedition in Asia
Gard. Chron. III, 72: 268 no.1871

Journ. Agr. Prat.
Duc, L.
L'ergot du blé dans l'ain Journ. Agr. Prat.
86: 360-361 O.28, 1922 no.43

Journ. Agr. Sci.
Horton, E. & Salmon, E.S.
The fungicidal properties of certain spray-fluids III Journ. Agr. Sci. 12: 269-279
Jl.1922 (N.1922) no.3
Bibliography: p. 279

Jones, S. G.
A bacterial disease of turnip (Brassica napus) Journ. Agr. Sci. 12: 292-305 pl.iii
Jl.1922 (No.v.) no.3
Literature: p. 304
Probably form of Pseudomonas destructans

Journ. Amer. Pharm. Assoc.
Hart, Fanchon
The histology of vilca bark Journ. Amer.
Pharm. Assoc. 11: 906-909 illus. N.1922
no.11
Piptadenia macrocarpa

Kraemer, Henry
Arthur Meyer Journ. Amer. Pharm. Assoc. 11:
984-985 port. N.1922 no.11

Journ. Biol. Chem.
Sando, C. E. and Bartlett, H.H.
Pigments of the Mendelian color types in maize:
isoquercitrin from brown-husked maize. Journ.
Biol. Chem. 54: 629-645 illus., fold. tab.
N. 1922 no.3.

Journ. Min. Agr. Gt. Brit.
Salmon, E. S.
A safe method of preventing "bunt" in wheat
Journ. Min. Agr. Gt. Brit. 29: 722-728 N.1922
no.8

Journ. Wash. Acad. Sci.
Maxon, W. R.
Ferns new to the Cuban flora Journ. Washington Acad. Sci. 12: 437-443 N.19,1922 no.19
Cyathea producta, Dicranopteris leonis, Polypodium clavum, Psilogramme cubensis n. sp.

Maine Naturalist
Abbott, S. R.
Clavariaceae-coral fungi and fairy clubs
Maine Nat. 2: 170-171 2 pl. N.1922

Month. Bull. Dept. Agr. Calif.
Mackie, D. B.
Vacuum fumigation of citrus nursery stock in
Ventura County Month. Bull. Dept. Agr. Calif.
11: 726-735 illus. O.1922 no.10

Milbrath, D.G.
Resume of pear blight history and methods of
control Month. Bull. Dept. Agr. Calif. 11:
760-765 O.1922 no.10

Month. Bull. Dept. Agr. Calif.

Scott, C.E.
Disease of chestnut trees new to California
Month. Bull. Dept. Agr. Calif. 11: 740-741
0.1922 no.10
Fusicoccum sp.

Smith, E. H. and Phillips, E. H.
Studies of the so-called "smut" of white fig varieties Month. Bull. 11: 755-758 illus.
0.1922 no.10
Aspergillus niger (Sterigmatocystis)
Abstract in Phytopath. 12: 442. S.1922 [0.]

Stanford, H.R.
Control of peach scab Month. Bull. Dept. Agr. Calif. 11: 765-774 illus. 0.1922

Nature

Scott, D.H.
The early history of the land flora II
Nature 110: 638-640 N.11,1922 no.2767

New Phytol.

The Lister institute national collection of type cultures. New Phytol. 21: 232 N.1922
no.4

Mangham, S.
Laboratory notes. New Phytol. 21: 230-231
N.1922
A simple respiroscope -- A cheap bench light

Priestley, J.H. & Tupper-Carey, R.M.
Physiological studies in plant anatomy IV. The water relations of the plant growing point.
New Phytol. 21: 210-229 illus. N.1922 no.4
References: p. 228-229

Stiles, Walter
Permeability IX. The water relations of the plant cell New Phytol. 21: 169-209 no.4
N.1922

Oesterr. Bot. Zeitschr.

Mandl, Karl
Beschreibung neuer pflanzenarten und bastarde aus Ost-Sibirien nebst ergänzenden bemerkungen au wenig bekannten pflanzen Oesterr. Bot. Zeitschr.
71: 171-189 illus. Jl./S.1922 no.7/9

Murr, Josef
Zur pilzflora von Vorarlberg und Liechtenstein
III Oesterr. Bot. Zeitschr. 71: 220-223 Jl./S.
1922 no.7/9
Amanita livescens n. sp.

Scharfetter, Rudolf
Klimarhytmik, vegetationsrhymtik und formationsrhytmik. Studien zur bestimmung der heimat der pflanzen Oesterr. Bot. Zeitschr. 71: 153-171
Jl./S.1922 no.7/9
Literaturverzeichnis; P. 170-171

Wagner, Rudolf
Jacobus Cornuti. Eine biographische richtigstellung Oesterr. Bot. Zeitschr. 71: 217-220 no.7/9
Jl./S.1922

Parfum. Mod.

Coupin, Henri
Les champignons odorants Parfum. Mod. 15:
209-213 0.1922 no.10

Ducellier, L.
Culture des aurantiacées en Algérie Parfum.
Mod. 15: 197-205 illus. 0.1922 no.10

Pharm. Zentralb.
Bohrisch, Paul
Ein botanisches Eldorado (schluss) Pharm. Zentralh. 63: 533-537 0.12,1922 no.41

Philipp. Agr. Rev.
Welles, C. G.
A provisional list of the parasitic fungi of the Philippine Islands. Philipp. Agr. Rev. 15: 149-202 1922 no.2

Philipp. Journ. Sci.
Merrill, E. D.
Diagnoses of Hainan plants Philipp. Journ. Sci. 21: 337-355 0.1922 no.4

Proc. Amer. Acad.
Thaxter, Roland
Note on two remarkable Ascomycetes Proc. Amer. Acad. Arts & Sci. 57: 425-436 illus., ii pl. S.1922 (Rec'd Nov.) no.17
Literature cited: p. 433
Hypocreopsis rhododendri on Rhododendron maximum; Medeolaria n.g., M. farlowi on Medeola virginiana.

Proc. Oklahoma Acad.
Gould, C. N.
Platanus occidentalis Proc. Oklahoma Acad. Sci. 1: 40-43 1921

Whitenton, R. O.
Life zones and zone indicators in Oklahoma Proc. Oklahoma Acad. Sci. 1: 43-45 1921

Proc. Roy. Soc. Queensl.
Shirley, John
Acacias of south-east Queensland Proc.Roy. Soc. Queensland 33: 39-45 pl.ii-vi Ja.1922

White,C.T. & Francis,W.D.
Contributions to the flora of Queensland Proc. Roy. Soc. Queensl. 33: 152-165 illus. Ja.1922 no.2
Cryptandra armata, Kunzea flavescens, Dentella minutissima, Symplocos havesii, Westringia parvifolia, W. tenuicaulis, Endiandra crassiflora n. sp.

Queensl. Agr. Journ.
Benson, A. H.
Grape culture in Queensland. -- Diseases of the vine Queensl. Agr. Journ. 18: 263-268 illus. 0.1922 no.4

Jensen, H. I.
The physiography of North Australia II Queensl. Agr. Journ. 18: 297-300 0.1922 no.4

Rev. Industr. y Agr. Tucumán
Fawcett, G.L.
Descripción de dos interesantes variedádes de caña Rev. Industr. y Agr. Tucumán 12: 156-160 illus. Ap./My.1922 no.11/12

Fawcett, G. L.
La "gomosis" dé los naranjos Rev. Industr. y Agr. Tucumán 12: 149-155 illus. Ap./My. 1922 no.11/12

Rev. Bot. Appl.
Soursac, Louis
La pourriture du collet de la laitue et de la chicorée Rev. Bot. Appl. 2 : 562-567 0.1922

Rev. Bot. Appl. (cont.)

Gèze, J. B.
Utilisation des Typha en France Rev. Bot. Appl. 2: 551-557 O.1922 no.14

Duboys,
La lutte contre la "dégénérescence" des pommes de terre dans l'ouest de la France Rev. Bot. Appl. 2: 586-589 O.1922
Extracts from report (Office agricole régional de l'ouest, Compte-rendu des travaux des centres d'expérimentation, 1920-21, p.99-139)

Chevalier, Auguste
Les petites céréales Rev. Bot. Appl. 2: 544-550 O.1922 no.14

Rev. Hort.

Correvon, Henri
Les romneyas Rev. Hort. 94: 209-210 illus. O.16,1922 no.10

Foëx, Etienne
Les gales de la pomme de terre (cont.) Rev. Hort. 94: 221-222 O.16,1922 no.10

Mottet, Seraphim
Deux nouvelles clématites Rev. Hort. 94: 213-215 illus. col. pl. O.16,1922 no.10

Riv. Biol.

Borghesani, G.A.R.
L'ecologia vegetale e le sur applicazioni Riv. Biol. 4: 521-534 col. pl. Jl./O.1922 no.4/5

Petri, Lionello
Esiste una bioradioattività? Riv. Biol. 4: 457-472 Jl./O.1922 no.4/5

Science

Elias Judah Durand Science 56: 602 N.24,1922. Notice of death

Setchell, W. A.
Zostera marina in its relation to temperature Science 56: 575-577 N.17,1922 no.1455

Succulenta

K., H.F.
De ziekten der cactussen en hare bestrijding (cont.) Succulenta 4: 73-75 N.1922 no.10

Trans. Brit. Mycol. Soc.

Brooks, R. St.J.
The national collection of type cultures Trans. Brit. Mycol. Soc. 7: 237-239 Jl.1922

Buller, A.H.R.
The basidial and oidial fruit-bodies of Dacryomyces deliquescens. Trans. Brit. Mycol. Soc. 7: 226-230 Jl.1922 no.4

Buller, A.H.R.
Slugs as mycophagists Trans. Brit. Mycol. Soc. 7: 270-283 Jl.1922

Dowson, W. J.
On the symptoms of wilting of Michaelmas daisies produced by a toxin secreted by a Cephalosporium Trans. Brit. Mycol. Soc. 7: 283-286 Jl.1922 no.4
References: p. 286
Abstract in Gard. Chron. III, 71: 63. F.11, 1922

Trans. Brit. Mycol. Soc. (cont.)

Elliott, J.S.B.
Studies in discomycetes III Trans. Brit. Mycol. Soc. 7: 293-298 illus. Jl.1922 no.4

MacCallum, B.D.
Some wood-staining fungi Trans. Brit.Mycol. Soc. 7: 231-236 pl. viii-ix Jl.1921. no.4
I. Ceratostomella piceae
Bibliography: p. 236

Mounce, Irene
Homothallism and heterothallism in the genus Coprinus Trans. Brit. Mycol. Soc. 7: 256-269 Jl.1922 no.4

Sanderson, A.R.
Notes on Malayan mycetozoa. Trans. Brit.Mycol. Soc. 7: 239-256 Jl.1922 no.4

Sanderson,A.R.
On the parasitic habits of the plasmodium of Physarum viride var. rigidum Lister Trans. Brit. Mycol. Soc. 7: 299-300 Jl.1922 no.4
On Schizophyllum commune and Hirneola hispida

Wormald, H.
Observations on a discomycete found on medlar fruits Trans. Brit. Mycol. Soc. 7: 287-293 illus. Jl.1922 no.4
Probably Sclerotinia mespili

U. S. Dept. Agr. Bull.

Cook, O. F.
One-variety cotton communities. U.S.Dept. Agr. Bull. 1111 50 p. N.25,1922

Tisdale, W.H.
Seedling blight and stack-burn of rice and the hot-water treatment U. S. Dept. Agr. Bull. 116 11 p. vi pl. on 3 N.1922

U. S. Dept. Agr. Circ.

The national forests of New Mexico U. S. Dept. Agr. Dept. Circ. 240 21 p. illus. O.1922

U. S. Dept. Agr. Farm. Bull.

Collins, J.F.
Tree surgery U. S. Dept. Agr. Farm.Bull. 1178. Rev. O.1922

Piper,C.V. & Morse,W.J.
The velvet bean Farm. Bull.1276. 27 p. illus. 1922
Rev. and extension of Farm. Bull. 962

Exper. Stat. Publ.

Beach, W. S.
The crown rot of rhubarb caused by Phytophthora cactorum Penn. Agr. Exp. Stat. Bull. 174 28 p. illus. Jl.1922
Bibliography: p. 27-28
Contr. Bot. Dept. Penn. State Coll. no.39

Briggs, Glenn
Leguminous crops for Guam. Guam Agr. Exp. Stat. Bull. 4 29 p. xiv pl. Ag.1922
Legumes found on the Island: p. 25-27

NEW BOOKS

Britton N.L. & Rose, J.N.
Cactaceae v.3 1922 (Publ. Carnegie Inst. Washington no.248, v.3)

Haas, Paul & Hill, T.G.
An introduction to the chemistry of plant products ed.3, v.2 London, Longmans, 1922

Hedrick, U. P.
Cyclopedia of hardy fruits New York, Macmillan, 1922

Macoun, John
Autobiography... A memorial volume published by the Ottawa Field-Naturalists' Club, 1922

Mills, S.D.W. & Dominguez Nieves, A.
Niciones de agricultura tropical para las escuelas rurales N.Y. Heath & Co., 1922

Stager, Walter
Tall bearded-iris Sterling, Ill., c.1922

Library, Bureau of Plant Industry
Current Author Entries, 1922, List 98.
Indexed, Dec. 4-16, 1922.

DEC [illegible] 22

Addisonia

Addisonia v.7, no.3 S.1922 (Dec.)

Amorphophallus bulbifer	col.pl. 241
Lopezia hirsuta	col.pl. 242
Byrnesia weinbergii	col.pl. 243
Runyonia longiflora	col.pl. 244
Echinocereis haileyi	col.pl. 245
Trichosporum pulchrum	col.pl. 246
Graptopetalum pachyphyllum	col.pl. 247
Crotolaria retusa	col.pl. 248

Am. Bee Journ.

Kindig, B.F.
The honey resources of Michigan. A brief account of the chief nectar-bearing plants of the state
Amer. Bee Journ. 62: 545-547 D.1922 no.12

Amer. Fern Journ.

Benedict, R.C.
Ferns as house plants Amer. Fern Journ. 12: 77-92 illus. Jl./S.1922 [Dec.] no.3
Reprinted as Leafl. Brooklyn Bot. Gard.

Benedict, R.C.
Variation in ferns Amer. Fern Journ. 12: 93-96 Jl./S.1922 [Dec.] no.3

Munz, Philip and Johnston, I.M.
The distribution of southern California pteridophytes Amer. Fern Journ. 12: 69-77. no.3 Jl./S.1922 [Dec.]

Upham, A. W.
A list of ferns found in Woodstock, Conn. Amer. Fern. Journ. 12: 96- 97 Jl./S. [Dec.] no.3

Ann. Bot.

Campbell, D. H.
The gametophyte and embryo of Botrychium simplex Ann. Bot. 36: 441-445 illus., pl. xvi O.1922 (Rec'd Dec.) no.144

Dowson, W. J.
A new method of paraffin infiltration Ann. Bot. 36: 577-578 O.1922 (Rec'd. Dec.) no.144

Mason, Thomas
Growth and abscission in Sea Island cotton
Ann. Bot. 36: 457-484 O.1922 (Rec'd. Dec.) no.144
Literature: p. 484

Priestley, J.H. & Pearsall, W.H.
Growth studies III. A "volumometer" method of measuring the growth of roots Ann. Bot. 36: 485-488 illus. O.1922 (Rec'd. Dec.) no.144

Redfern, G.M.
On the course of absorption and the position of equilibrium in the intake of dyes by discs of plant tissue Ann. Bot. 36: 511-522 O.1922 (Rec'd. Dec.) no.144
Literature cited: p. 522

Sinnott, E.W. and Bailey, I.W.
The significance of the "foliar ray" in the evolution of herbaceous angiosperms. Ann. Bot. 36: 523-533 pl. xviii-xix O.1922 (Rec'd. Dec.) no.144

Ann. Bot. (cont.)

Thoday, David
On the organization of growth and differentiation in the stem of the sunflower. Ann. Bot. 36: 489-510 illus., pl.xvii O.1922 (Rec'd Dec.) no.144.

Williams, Maud
On the influence of immersion in certain electrolytes upon cells of Saxifraga umbrosa Ann. Bot. 36: 563-576 O.1922 (Rec'd. Dec.)
Bibliography: p. 576

Woodburn, W. L.
Spermatogenesis in Asterella hemisphaerica, Beauv. Ann. Bot. 36: 535-539 pl.xx O.1922 (Rec'd. Dec.) no.144

Ann. Missouri Bot. Gard.

Pfeiffer, N. E.
Monograph of the Isoetaceae Ann. Missouri Bot. Gard. 9: 79-232 pl.12-19 Ap.1922 [Dec.] no.2

Ann. Rep. Dept. Agr. Uganda Prot.

Small, William
Annual report of the government mycologist for 1921 with an appendix dealing with an investigation into the fungi found on rice in Ugnnda. Ann. Rep. Dept. Agr. Uganda Prot. 1920/21 p.49-57 1922

Arch. Asoc. Peruana Progr. Cien.

Maldonado, Angel and Maldonado, Eduardo
Contribucion al estudio de los productos vegetales que se encuentran en los "restos de cocina" precolombinos de tambo Inga. Arch. Asoc. Peruana Cienc. 1: 118-130 pl.xiii-xix 1921
Bibliografia: p. 130

Weberbauer, August
Laszonas de lluvia de vegetacion en el departamento de Piura y la provincia de Jaen. Arch. Asoc. Peruana Progr. Cienc. 1: 107-117 1921

Arch. Rubbercult. Nederl.-Ind.

Keuchenius, P. E.
Eenige onderzoekingen in verband met de bestrijding van zwarte draadziekte Arch. Rubbercult. 6: 403-408 pl. O.1922
English summary: p. 408
Izal found to best fungicide

Bot. Gaz.

Atwood, W. M., 1883-
Physiological studies of effects of formaldehyde on wheat Bot. Gaz. 74: 233-263 diagrs. N.1922 (D.) no.3
Literature cited: p. 260-263

Berry, E. W.
Sagenopteris, a mesozoic representative of the Hydropteraceae Bot. Gaz. 74: 329-331 illus. N.1922 (D.) no.3

Duff, George H.
Development of the Geoglossaceae Bot. Gaz. 74: 264-291 pl.vii-xii N.1922 (D.) no.3
Literature cited: p. 290

Dupler, A. W.
A bisporangiate sporophyll of Lycopodium lucidulum Bot. Gaz. 74: 331-332 illus. N.1922 (D.) no.3.

Gortner, R.A. and Hoffman, W.F.
Determination of moisture content of expressed plant tissue fluids Bot. Gaz. 74: 308-313 N.1922 (D.) no.3
Literature cited: p. 313.

Bot. Gaz. (cont.)

Hubert, E. E.

A simple apparatus for controlling temperatures Bot. Gaz. 74: 333-334 illus. N.1922 (D.) no.3.

Johnston, E.S.

Moisture content of peach buds in relation to temperature evalutions Bot. Gaz. 74: 314-319 N.1922 (D.) no.3.

Jurica, H. S.

A morphological study of the Umbelliferae Bot. Gaz. 74: 292-307 pl. xiii-xiv N.1922(D) no.3

Literature cited: p. 302-306

Milbrath, D. G.

Alternaria from California Bot.Gaz. 74: 320-324 illus. N.1922 (D.) no.3

Alternaria oleracea n.sp.

Ramsey, G. B.

Basisporium gallarum Moll., a parasite of the tomato Bot. Gaz. 74: 325-328 illus. N.1922(D.) no.3.

Bot. Arch.

Alexnat, Walter

Sero-diagnostische untersuchungen über die verwandischaftsverhältnisse innerhalb der sympetalen. Bot. Arch. 1: 129-154 Mr.1922 no.3

Literatur-verweise: p. 153-154

Budnowski, Arthur

Die septaldrüsen der bromeliaceen Bot. Arch. 1: 47-80, 101-105 Ja.-F.1922

Literatur-verweise: p. 105

Gleisberg, W.

Systematische-kritische vorarbeit für eine monographie der spezies Vaccinium oxycoccus L. Bot.Arch. 2: 1-34 illus. Jl.1922 no.1

Literatur-verweise und anmerkungen: p.32-34

Herrmann, Hildegard

Vergleichende holzanatomie der pappeln und baumweiden Bot. Arch. 2: 35-56, 79-112 illus.,no.1,2. Jl., Ag.1922

Literatur-verweise: p. 112

Hoeffgen, Franz

Sero-diagnostische untersuchungen über die verwandtschaftsverhältnisse innerhalb des columniferenastes der dicotylen. Bot. Arch. 1: 81-99 no.2. F.1922

Literatur-verweise: p. 97, 99.

Janert, Heinz

Beitrag zur beurteilung der klimatischen wachstumsfakotren kohlensäure, sauerstoff und luftdruck Bot. Arch. 1: 155-176, 201-210 1922 no.3,4

Literatur-verweise: p. 210

Janowski, Margaretha

Arundinellearum graminum tribus, conspectus Bot. Arch. 1: 21-28 Ja.1922 no.1

Kahsnitz, H. G.

Untersuchungen über den einfluss der regenwürmer auf boden und pflanze Bot. Arch. 1: 315-331 illus. Je.1922 no.6

Literatur-verweise: p. 331

Kirstein, Karl

Sero-diagnostische untersuchungen über die verwandtschaften innerhalb der pflanzengruppe der gymnospermae Bot. Arch. 2: 57-79 Ag.1922 no.2

Literatur verweise: p. 77-79

Bot. Arch. (Cont.)

Malligson, Felix

Sero-diagnostische untersuchungen über die verwandtschaften innerhalb des centrospermen-astes des pflanzenreichs Bot. Arch. 1: 2-20 Ja.1922 no.1

Literatur-hinweise: p. 19-20.

Mez, Carl

Abromeitia, myrsinacearum novum genus describitur Bot. Arch. 1: 100 F.1922 no.2

A. pterocarpa

Mez, Carl

Additamenta monographica 1922 Bot. Arch. 1: 125-128, 230, 255-256 1922; 2: 34, 173-176, 210-212 1922

Myrsinaceae papuanae

Mez, Carl

Anleitung zu sero-diagnostischen untersuchungen für botaniker Bot. Arch. 1: 177-200 Ap.1922 no.4

Literatur-verweise: p. 200

Mez, Carl

Fittingia, novum myrsinacearum genus Bot. Arch. 1: 105-106 F.1922 no.2

F. tubiflora, F. urceolata

Mez, Carl

Stylagrostis, novum gramineanum genus Bot. Arch. 1: 20 Ja.1922 no.1

Prodoehl, Alice

Oryzeae monographice describuntur Bot.Arch. 1: 211-224, 231-255 1922 no.4,5.

Schellenberg, Gustav

Pseudellipanthus, genus novum connaracearum Bot. Arch. 1: 314-315 Je.1922 no.6

P. beccarii, P. peltatus

Schellenberg, Gustav

Die systematische gliederung der gramineen Bot. Arch. 1: 257-260 illus. My.1922 no.5

Literatur-verweise: p. 260

Steffen, H.

Zur weiteren kenntnis der quellmoore des Preussischen landrückens mit hauptsächlicher berücksichtigung ihrer vegetation Bot. Arch. 1: 261-274, 275-313 My.,Je.1922 no.5,6.

Steinecke, Fr.

Promallomonas, eine neue gattung der Chromulinaceae Bot. Arch. 2: 112 illus. Ag.1922 no.2

P. aseta

Szidat, Lothar

Die samen der bromeliaceen in ihrer anpassung an den epiphytismus Bot. Arch. 1: 29-46 illus. Ja.1922

Literatur-verweise: p. 46

Worseck, Ernst

Sero-diagnostische untersuchungen über die verwandtschaftsverhältnisse der monocotyledonen Bot. Arch. 2: 177-206 O.1922 no.4

Literatur-verweise: p. 205-206

Bull. Econ. Indochine

Crevost, Ch. & Lemarié, Ch.

Catalogue des produits de l'Indochine -- Oléagineux (suite) Bull. Econ. Indochine n.s.,25: 387-430 illus., Jl./Ag.1922 no.155

Bull. Soc. Linn. Normandie

Denis, Marcel
Sur le polymorphisme de l'Euphorbia stenoclada H. Baillon Bull. Soc. Linn. Normandie VII, 4: 133-141 illus., pl. iv-v 1922
Bibliographie : p. 140-141.

Viguier, René and Humbert, Henri
Plantes récoltées à Madagascar en 1912 Bull. Soc. Linn. Normandie VII, 4: 37-52 1922

Il. Coltiv.

Mancini, Ettore
Alcune osservazioni sulle spighe ginocchiate di frumento Il Colt. 68: 438-442 N.20,1922 no.32

Manzoni, Luigi
Una causa bacterica dell9incappucciamento del trifoglio pratense Il. Colt. 68: 416-418 N.1922 no.31

Compt. Rend. Acad. Agr. France

Crépin, C.
Une maladie grave de la pomme de terre dans le nord de la Loire Compt. Rend. Acad. Agr. France 8: 803-806 1922 no.30

Compt. Rend. Acad. Sci. Paris

Bouget, Joseph
Sur les variations de coloration des fleurs réalisées expérimentalement à haute altitude Compt. Rend. Acad. Sci. Paris 175: 900-901 No.1922 no.20

Braecke, Marie
Sur la présence d'aucubine et de mélampyrite dans plusieurs espèces de mélampyres Compt. Rend. Acad. Sci. Paris 175: 990-995 N.1922 no.21

Bugnon, Pierre
Sur la différenciation vasculaire basipète pour toutes les traces foliaires chez la Mercuriale. Compt. Rend. Acad. Sci. Paris 175: 897-899 illus. N.1922 no.20

Daniel, Lucien
Hyperbioses de soleil et de topinambour Compt. Rend. Acad. Sci. Paris 175: 984-85 N.1922 no.21

Funke, G. L.
Sur les pousses supplémentaires estivales Compt. Rend. Acad. Sci. Paris 175: 901-904 N.1922 no.20

Goris, Albert and Costy, P.
Sur l'uréase et l'urée chez les champignons Compt. Rend. Acad. Sci. Paris 175: 998-999 N.1922 no.21

Guignard, Léon
Sur l'existence de corps protéiques particuliers dans le pollen de diverses adclépiadacées Compt. Rend. Acad. Sci. Paris 175: 1015-1020. N.1922 no.22 .

Jonesco, Stan
Les pigments anthocyaniques et les phlobatanins chez les végétaux Compt. Rend. Acad. Sci. Paris 175: 904-907 N.1922 no.20

Lenoir, Maurice
Les nucléoles pendant la prophase de la cinèse II du sac embryonnaire du Fritillaria imperialis L. Compt. Rend. Acad. Sci. Paris 175: 995-987 no.21. N.1922

Compt. Rend. Acad. Sci. Paris (cont.)
Souèges, René
Embryologénie des caryophyllacées. Les derniers stades du développement de l'embryon chez le Sagina procumbens L. Compt. Rend. Acad. Sci. Paris 175: 894-896 N.1922 no.20.

Stoklasa, Julius
Sur la respiration des racines Compt. Rend. Acad. Sci. Paris 175: 995-997 N.1922 no.21

Vuillemin, Paul
Valeur morphologique des émergences antitropes Mécanisme de leur production déplacement desmonastique. Compt. Rend. Acad. Sci. Paris 175: 849-852 N.1922 no.20

Facts about Sugar
Yoder, P.A.
Pests and diseases of the sugar cane -- The mosaic disease, its appearance and control Facts about sugar 15: 462-463 D.2,1922 no.23

Florida Grow.
Brown, E.W.
Lue Gin Gong, American-Chinese philosopher, pomologist, statesman and scientist... Florida Grow. v.26, no.24, p.6-7 illus. D.9,1922

Flugbl. K. Biol. Anst. Land- u. Forstw.
Riehm, Eduard
Die streifenkrankheit der gerste Flugbl. Biol. Reichanst. Land- u. Forstw. 68 [4] p. illus. S.1922

Gard. Chron.
Brown, E.
Some Uganda orchids (concl.) Gard. Chron. III, 72: 295 illus. N.18,1922 no.1873
Angraecum, Listrostachys, Polystachya

Salaman, R. N.
Seedsmen's catalogues Gard. Chron. III, 72: 311-312 N.25,1922 no.1874

Ward, F. K.
Mr. Kingdon Ward's seventh expedition in Asia no.2. Gard. Chron. III, 72: 296-297 N.18,1922 no.1873

Hacienda
Catoni, L. A.
Una enfermedad del cocotero La Hacienda 17: 362-363 illus. D.1922 no.12
La podredumbre del cogollo

Hoppe-Seyl. Zeitschr. Phys. Chem.
Franzen, Hartwig & Helwert, Fritz
Ueber die chemischen bestandteile grüner pflanzen 19. Mitt. Ueber das vorkommen von milchsäure und bernsteinsäure in den blättern der himbeere (Rubus idaeus) Hoppe-Seyl. Zeitschr. Phys. Chem. 121: 195-220 Ag. 1922 no.4/6

Franzen, Hartwig & Stern, Emmi
Ueber die chemischen bestandteile grüner pflanzen 20. Mitt. Ueber die säuren der kirschen (Prunus avium Hoppe-Seyl. Zeitschr. Phys. Chem. 122: 46-85 S.1922 no.1/3

Indian For.
Miranda, F. S. A. S.
Vitex negundo and malaria Indian For. 48: 596 N.1922 no.11

Indian For. (cont.)

Parker, R. N.

A new species of Leptodermis Indian For. 48: 576-577 N.1922 no.11

Leptodermis kumaonensis

Parker, R. N.

On the supposed occurrence of Salix alba, Linn. in the north-west Himalaya Indian For. 48: 444-445 Ag.1922

As far as is known S. alba not found either wild or cultivated in N.-W. India

Journ. Bot.

Britten, James

Friedrich Ehrhart and his exsiccatae Journ. Bot. 60: 318-327 N.1922 no.719

Fawcett, William

William Wright, a Jamaican botanist (1735-1819) Journ. Bot. 60: 330-334 N.1922 no.719

Hitchcock, A. S.

Plant nomenclature Journ. Bot. 60: 316-318 N.1922 no.719

Christy, Miller

An early Hudson Bay collector Journ. Bot. 60: 336-337 N.1922

Thomas Hutchins. His "Observations on Hudson's Bay" the ms. of which is preserved in the library of the Hudson Bay Company, is being prepared for publication.

Sprague, T. A.

Plant nomenclature Journ. Bot. 60: 313-316 N.1922 no.719

Journ. Dept. Agr. So. Australia

Osborn, T. G. B. and Geoffey, Samuel

Notes on two vine diseases which occurred on the river Murray in October, 1921 Journ. Dept. Agr. So. Austr. 26: 225-230 illus. O.1922 no.3

Aureobasidium vitis; Physiological disease probably due to frost injury

Journ. Frankl. Inst.

Hepburn, J. S.

Biochemical observations on certain insectivorous plants Journ. Franklin Inst. 194: 771-781 illus. D.1922 no.6

Bibliography: p. 780-781

Journ. Ind. & Eng. Chem.

Spoehr, H. A.

Photosynthesis and the possible use of solar energy Journ. Industr. & Engin. Chem. 14: 1142-1145 D.1922 no.12

Journ. N. Y. Bot. Gard.

Britton, E. G.

Wild flowers needing protection 14. Great laurel or rose bay (Rhododendron maximum L.) Journ. New York Bot. Gard. 23: 137-138 col. pl. 277 O.1922 (Dec.) no.274

Jackson, B. D.

Two catalogues. Bibliographical notes LXXXVII Journ. Bot. 60: 334-335 N.1922

Kalm, P. En kart berättelse om naturliger stället, nyttan, samt skötseln at några wäxter, utaf hwilka från nyligen blifwit hembragte från Norra America...

La Serre, V. de Catalogue des plantes d'usage suivant l'order de leurs vertus

Journ. New York Bot. Gard. (cont.)
Small, J.K.
The botanical fountain of youth. A record of exploration in Florida in April 1920 (cont.) Journ. New York Bot. Gard. 23: 139-155 pl. 278-279 O. 1922 (Dec.) no. 274.

Stout, A. B.
Preliminary report of investigations with species of Lilium Journ. New York Bot. Gard. 23: 155-158 O. 1922 (Dec.) no. 274

Journ. Soc. Nat. Hort. France
Foëx, Etienne
La maladie des ormes. Journ. Soc. Nat. Hort. France IV, 23: 409-411 O. 1922
Caused by Graphium ulmi
Resumé of work of D. Spierenburg "Een ombekende ziekte in den iepen (Meded. Plantenz. Dienst Wageningen 24) & M. B. Schwarz "Das zweigsterben der ulmen Trauerweden und pfirschbaume" Thèse Univ. Utrecht, 1922.

Journ. Wash. Acad. Sci.
Maxon, W. R.
The genus Culcita Journ. Wash. Acad. Sci. 12: 454-460 D. 4, 1922 no. 20

K. Landtbrl Akad. Handl. Tidskr.
Eriksson, Jakob
Betningsförsök med uspulun och supersolfo sasom kampmedel emot stinksot å vete. K. Landtbr.-Akad. Handl. o. Tisdkr. 61: 607-610. illus. 1922 no. 7

Lindfors, Thore
Studier över fusarioser II Om fusariumangrepp på späda barrträdsplantor K. Landtbr.-Akad. Handl. o. Tidskr. 61: 588-606 illus., col. pl. 1922

Meded. Landbouwhoogesch. Wageningen
Hessing, J.
Monographieën onzer grassen Meded. Landbouwhoogesch. Wageningen 25: 1-72 19 pl. 1922 no. 1.

Missouri Bot. Gard. Bull.

Medicinal plants of our local flora (cont.) Missouri Bot. Gard. Bull. 10: 153-157 N. 1922 no. 9

Nocturnal hybrid water-lilies of the late James Gurney Missouri Bot. Gard. Bull. 10: 147-150 pl. 24-26 N. 1922 no. 9

Monatsh. Chem.
Zellner, Julius
Beiträge zur vergleichenden pflanzenchemie I Monatsh. Chem. 42: 453-458 My. 1922
I. Ueber Lythrum salicaria L.

Nature
Cockerell, T. D. A. and Young, Dorothy
A mutation of the columbine Nature 110: 701 illus. N. 25, 1922 no. 2769
Aquilegia caerulea mut. triffida

Smith, K. M.
Mosaic disease in plants Nature 110: 668 N. 18, 1922
Discovery, in tissue of potato plants affected with mosaic, of bodies apparently similar to those discovered by L. O. Kunkel, in maize.

Naturw. Wochenschr.
Sticker, Georg
Nährpflanzen und heilpflanzen in der geschichte
Naturw. Wochenschr. n.f., 21: 609-620 N.5,1922
no.45.
Benutzte werke: p. 620.

Pharm. Journ.
Mellor, E.M.
The countries our drugs come from. IV, Borneo &
Sumatra Pharm. Journ. 109: 415-416 N.4,1922
no.3081

Phytopath.
Davis, W.H.
Staining germinating spores Phytopath. 12:
492-494 O.1922 (Dec.) no.10.

Herbert, D. A.
Bitter pit in apples: the crushed cell theory
Phytopath. 12: 489-491 O.1922 (Dec.) no.10

Maneval, W. E.
Germination of teliospores of rusts at Columbia,
Missouri. Phytopath. 12: 471-488 O.1922 (Dec.)
Literature cited: p. 487-488 no.10

Rosen, H. R.
The bacterial pathogen of corn stalk rot.
Phytopath. 12: 497, 499. O.1922(Dec.) no.10
Pseudomonas dissolvens n. sp.

Schmitz, Henry
Note concerning the decay of western yellow pine
slash caused by Polyporus volvatus Peck. Phytopath.
12: 494-496 illus. O.1922 (Dec.) no.10
Literature cited: p. 496

Stevens, F. L.
A fungus destructive to asphalt shingles
Phytopath. 12: 497, 498 illus. O.1922 (Dec.)no.10.
Fungus of general character of that of Marulius
lacrymans

Weber, G.F.
Septoria diseases of cereals I. Speckled blotch
of oats caused by Leptosphaeria Phytopath. 12:
449-470 illus., pl. xxix-xxx O.1922 (Dec.) no.10.
Leptosphaeria avenaria n.sp.
Literature cited: p. 470

Proc. R. Soc. Victoria
Gordon, Mary
The development of the endosperm in cereals
Proc. Roy. Soc. Victoria 34: 105-116 illus.
My.1922
References: p. 116

Maiden, J. H.
An alphabetical list of Victorian eucalyptus
Proc. Roy. Soc. Victoria 34: 73-84 My.1922

Tovey, James
Contributions of the National herbarium of Victoria no.1 Proc. Roy. Soc. Victoria 34: 207-212.
illus. My.1922 no.2
Bassiaea laidlawiana, Choretrum pendulum n. sp.

Rep. Min. Agr. So. Austr.
Osborn, T.G.B.
Annual report of the consulting botanist and
vegetable pathologist 1920/21 Rep. Min. Agr.So.
Austr. 1920/21 p.64-66 1921

Rev. Gén. Bot.

Allorge, Pierre

Les associations végétales du vexin française (suite) Rev. Gén. Bot. 34: 564-576 O.1922 no.405.

Carpentier, A.

Revue des travaux de paléontologie végétale publiés dans le cours des années 1910-19 Rev. Gén. Bot. 34: 556-563 O.1922 no.406

Choux, P.

Revue des travaux de botanique tropicale et subtropicale (1910-1919) Rev. Gén. Bot. 34: 547-555 no.406

A. Les plantes oléagineuses

Jaccard, Paul

Sur le mecanisme du redressement géotropique de la tige des arbres (suite et fin) Rev. Gén. Bot. 34: 529-537 O.1922 no.406

Ricôme, H.

Géotropisme et sensibilité (suite) Rev.Gén. Bot. 34: 538-546 O.1922 no.406

Rhodora

Bartlett, G.H.

Senecio obovatus var. elongatur Rhodora 24: 226 N.1922 [Dec.] no.287

Grier, N.M.

Preserving Indian pipes without discoloration Rhodora 24: 225-226 N.1922 [Dec.] no.287

Hylander, C.J.

A preliminary report on the demids of Connecticut Rhodora 24: 213-224, N.1922 [Dec.] no.287

Contr. Osborn Bot. Labor.

Science

Carleton, M. A.

Note on the Fusarium wilt disease of bananas Science 56: 663-664 D.8,1922 no.1458

Confirms work of Dr. Brandes

Scient. Month.

Campbell, D. H.

The vegetation of Australia and New Zealand. Sci. Month. 15: 481-511. illus. D.1922. no.6.

So. Afr. Journ. Sci.

Aitken, R. D.

The plant succession in a type of midland tree veld in Natal. So. Afr. Journ. Sci. 18: 233-243 pl.ii-iii. Je.1922 no.3/4

References: p. 243

Forbes, Helena

The flora of Isipingo So. Afr. Journ. Sci. 18: 348-358 Je.1922 no.3/4

Forbes, Helena

Natal species of the genus Cassia So.Afr. Journ. Sci. 18: 342-344 Je.1922 no.3/4

Potts, George

The potency of pepper tree pollen as a cause of hay fever. So. Afr. Journ. Sci. 18: 336-341 Je.1922. no.3/4.

References: p. 341

So. Afr. Journ. Sci. (cont.)

Sandground, J.

A study of the life-history and methods of control of the root gall nematode, Heterodera radicicola (Greef Muller) in South Africa. So. Afr. Journ. Sci. 18: 399-418 pl. vi-viii Je.1922. no.3/4

References: p. 417-418

Sim, T. R.

Bryophyta of Southern Rhodesia So.Afr.Journ. Sci. 18: 294-335 Je.1922 no.3/4

References: p. 334-335

Rhoday, David.

Thoday, David

The genus Passerina and its distribution in South Africa South Afr. Journ. Sci. 18: 230-231 Je.1922 no.3/4

Van der Bijl, P. A.

A contribution to our knowledge of the Polyporeae of South Africa So. Afr. Journ. Sci. 18: 246-293 Je.1922 no.3/4

Van der Bijl, P. A.

Notes on some interesting of little-known South African fungi So. Afr. Journ. Sci. 18: 345-348 Je.1922 no.3/4

Warren, Ernest

A preliminary account of an interspecific hybrid and backcrosses of Digitalis So. Afr. Journ. Sci. 18: 359-373 pl.iv-v Je.1922 no.3/4

Sugar

Simonetto, Moisés

Las rayas amarillas en la caña. Réplica al Dr.S C. Bruner Sugar 24: 641-642 N.1922 no.11

Univ. Calif. Pub. Bot.

Brandegee, T.S.

Plantae mexicanae purpusianae XI Univ. Calif. Publ. Bot. v.10, no.2, p.181-188 illus. N.1922

U. S. Dept. Agr. Farm. Bull.

Clark, J.A. & Martin, J.H.

The hard red spring wheats U.S.Dept.Agr.Farm. Bull. 1281 28 p. illus. N.1922

Clark, J.A. & Martin, J.H.

The hard red winter wheats U.S.Dept.Agr. Farm. Bull. 1280 10 p. illus. O.1922 [D.]

Garner, W. W.

Tobacco culture. U. S. Dept. Agr. Farm.Bull. 571 24 p. illus. Rev. O.1922 [Dec.]

Tobacco diseases: p. 21-24.

Zeitschr. Bot.

Schmitt, E. M.

Beziehungen zwischen der befruchtung und den postfloralen blüten bzw. fruchtstielbewegungen bei Digitalis purpurea, Digitalis ambigua, Althaea rosea und Linaria cymbalaria Zeitschr. Bot. 14: 625-675 illus. 1922 no.10

Zitierte literatur: p. 674-675

Exper. Stat. Publ.

Brown, J. G.

Black-arm of cotton: a successful method of control. Arizona Agr. Exp. Stat. Timely Hints 142 8 p. illus. O.20,1922.

Gibson, Frederick
Sunburn and aphid injury of soybeans and cowpeas Arizona Agr. Exp. Stat. Techn. Bull. 2: 41-46 ii pl. on 1 S.1922
Sunburn and aphid injury followed by infection by a species of Alternaria for which the name A. atrans is proposed.

Thorber, J. J.
Botany Ann. Rep. Arizona Agr. Exp. Stat. 32 (1920/21): 576-579 D.1921

Brown, J.G.
Plant pathology. Ann. Rep. Arizona Agr. Exp. Stat. 32(1920/21): 606-615 illus. D.1921 [1922]

Garber, R. J.
Inheritance and yield with particular reference to rust resistance and panicle type in oats Techn. Bull. Minn. Agr. Exp. Stat. 7 62 p. plates Jl.1922

Kisselbach, T. A.
Corn investigations Res. Bull. Nebr. Agr.Exp. Stat. 20 151 p. illus. Je.1922
Selection of seed ears for freedom from root-rot p. 130-147

Cook, M. T.
Report of the Dept. of plant pathology, 1920/21 Ann. Rep. New Jersey Agr. Exp. Stat. 42: 421-475 plates 1922
Diseases of the year: p. 427-434
Martin,W.H. Report on potato-spraying tests: p. 435-441.
Martin,W.H. The influence of sulfur on the control of potato scab: p. 442-448.
Martin,W.H. Inoculated vs. inoculated sulfur for the control of potato scab: p. 449-452.
Martin,W.H. The fertilizer value of sulfur for potatoes: p. 453-455.
Martin,W.H. Studies of the relation of maturity to vigor in seed potatoes: p. 456-460.
Poole,R.F. Celery diseases investigations: p.461-462.
Poole,R.F. Report of spraying test at Campbell's soup farms: p. 463.
Poole,R.F. Investigation of horse-radish root rots: p. 464-465.
Poole,R.F. Investigation of sweet-potato diseases: p. 466-468.
Haenseler,C.M. Studies on eggplant wilt: p. 469-472.
Haenseler,C.M. Spraying experiments for control of pear fruit and leaf spot: 473-474.
Cook, M.T. Foliage injuries: p. 475.

NEW BOOKS

Bolles,C.B.
Propagation of the dahlia. 1922.

Cooper,W.S.
The broad-sclerophyll vegetation of California. Washington,1922 (Carnegie Inst.Publ.319)

Gildermister,E. & Hoffman,Fr.
The volatile oils 2d ed., authoriaed transl. by E. Kremers. v.3, 1922.

Kolkwitz, Richard
Pflanzenforschung v.1, Phanerogamen. Jena,1922.

Practical gardening for pleasure and profit ed.by W.P.Wright 6 vol. n.d.

NEW BOOKS (CONT.)

Sanders, T.W.
Rock gardens and alpine plants 3d ed.
London, 1922.

Sartory, A.
Champignons parasites de l'homme et des animaux
fasc. 6-7 1921-22

Sartory, A. & Maire, L.
Compendium hymenomycetum fasc. 5. 1922.

Library, Bureau of Plant Industry
Current Author Entries, 1923, List 99.
Indexed, Dec.18-30,1922.

LIBRARY

Ann. Géogr.
Chevalier, Auguste
La végétation a Madagascar. D'après l'ouvrage de H. Perrier de la Bathie Ann. de Géogr. 31: 465-484 illus. (map) 2 pl. N.1922. no.174

Ann. Sci. Nat. Bot.
Costantin, Jules and Magrou, J.
Applications industrielles d'une grande découverte française Ann. Sci. Nat. X, Bot. 4: i-xxxiv illus. O.1922 no.5
Index bibliographique: p. xxiv
On orchid culture

Costantin, Jules
La dégénérescence des plantes cultivées et l'hérédité des caractères acquis Ann. Sci. Nat. X, Bot. 4: 267-297 illus. O.1922 no.5
Bibliographical foot notes

Ber. Deut. Chem. Ges.
Freudenberg, Karl & Vollbrecht, Erich
Der gerbstoff der einheimischen eichen Ber. Deut. Chem. Ges. 55: 2420-2423 S.1922
10. Mitt. über gerbstoffe und ähnliche verbindungen

Freudenberg, Karl & Scilasi, Wilhelm
Zur kenntnis des chinesischen tannins. Ber. Deut. Chem. Ges. 55: 2813-2816 S.1922 no.8
11. Mitt. über gerbstoffe und ähnliche verbindungen

Haar, A. W. van der
Untersuchungen über die saponine VIII. mitteilung: Die saponine aus den blättern von Aralia montana Bl. Ber. Deut. Chem. Ges. 55: 3041-3069 O.1922 no.9

Better Fruit
Weiss, C. O.
Diseases and pests of raspberries Better Fruit v.17, no.6, p. 7-8 D.1922

White, E. C.
Developing cultivated blueberry Better Fruit v.17, no.6, p. 5-6, 18, 20, 22 illus. D.1922

Biol. Bull.
Jones, D. F.
Selective fertilization and the rate of pollen-tube growth Biol. Bull. 43: 167-174 illus. S.1922 no.3
Literature cited: p. 174

Bol. Min. Agr. Nac. Arg.
Girola, C. D.
Cultivo de la yerba mate (Ilex paraguariensis St. Hil.) Vegetación, morfologia e histologia de las hojas Bol., Min. Agr. Nac. Argen. 27: 247-261 illus. Ap./Je.1922 no.2

Bol. Soc. Broteriana
França, Carlos
Recherches sur les plantes carnivores II. Utricularia vulgaris Bol. Soc. Broteriana II, 1: 11-57 illus. 1922 no.1

Henriques, J. A.
D. Antonio Xavier Pereira Coutinho Bol. Soc. Broteriana II, 1: 5-10 port. 1922

Bot. Mag. Tokyo

Honda, Masaji
Revisio graminum Japoniae I Bot. Mag. Tokyo 36: 111-116 O.1922 no.430

Yasuda, A.
Notes on fungi 126-127 Bot. Mag. Tokyo 36: (145)-(147), (177)-(179) S.-O.1922 no.429-430
In Japanese; Bovistella yasudai n.sp.

Yosito, Sinoto
On the extrusion of the nuclear substance in Iris japonica Thunb. Bot. Mag. Tokyo 36: 99-110 S.1922 no.429
Literature cited: p. 109-110

Bull. Dir. Gén. Agr. Comm. et Colon. Tunis

Boeuf, F. and Guillochon, L.
Observations sur la végétation des variétés de blés, indigènes et étrangères en 1919-1920 et 1920-1921 Bull. Dir. Gén. Agr., Comm. et Colon. Tunis 26: 463-478 Jl./S.1922 no.110
Durée de la végétation -- résistance a la sécheresse -- résistance a la rouille

Bull. Misc. Inform. Kew

Ashby, S. F.
Oospores in cultures of Phytophthora faberi Bull. Misc. Inform. 1922 p.257-262 no.9
References: p. 262

Chipp, T. F.
Buttresses as an assistance to identification Bull. Misc. Inform. Kew 1922 p.265-268 no.9

Dallimore, Wm.
The fruiting of Ginkgo biloba at Kew Bull. Misc. Inform. Kew 1922 p.262-265 pl.i no.9

Dunn, E. J.
Dunn's wattle Bull. Misc. Inform. Kew 1922 298-299 no.9
Acacia dunnii, described Turrill

Small, Wm.
On the occurrence of a species of Fusarium in Uganda. Bull. Misc. Inform. Kew 1922 p.269-291. illus. no.9
F. udum previously found on carnations, Delphinium, Nigella and Cosmos, now found on seedlings of cashew nut, silky oak (Grevillea robusta); rose apple (Eugenia jambosa) and the loquat

Turrill, W. B.
A contribution to the flora of the nearer east Bull. Misc. Inform. Kew 1922 p.291-298 no.9
Astragalus durhamii

Bull. Soc. Path. Vég. France

Bezssonoff, N.
La stérilisation partielle du sol et ses applications en phytopathologie Bull. Soc. Path. Veg. France 9: 169-188 Jl./S.1922 no.3

Biers, P. M.
Le Polyporus (Ungulina) inzengae De Not. parasite du peuplier Bull. Soc. Path. Vég. France 9: 166-168 Jl./S.1922 no.3

Bull. Soc. Path. Vég. France
Mangin, Louis
La lutte contre les ennemis des végétaux Bull. Soc. Path. Vég. France 9: 213-220 Jl./S.1922
Discours prononcé à la séance solennelle d'ouverture du Congrès de l'Association française pour l'avancement des sciences, tenu à Montpellier du 24 au 29 juillet 1922

Bull. Techn. & Sci. Serv. Dept. Agr. Egypt
Briton-Jones, H.R.
The rusts and smuts of wheat, barley and oats Bull. Techn. & Sci. Serv. Dept. Agr. Egypt 15 16 p. illus., vi pl. 1920

Calif. Citrogr.
Fawcett, H. S.
Experiments in bridge grafting and inarching in connection with gummosis of citrus Calif. Citrogr. 8: 68, 95. illus. Ja.1923 (Dec.1922) no.3

Canad. Field Nat.
Mousley, Henry
Further notes on the ferns of Hatley, Stanstead county, Quebec, 1921-22 Canad. Field Nat. 36: 149-152 N.1922 no.8

Centralbl. Bakt. Abt. II
Pichler, Friedrich and Wöber, A.
Bestrahlungsversuche mit ultraviolettem licht, röntgenstrahlen radium zur bekämpfung von pflanzenkrankheiten Centralbl. Bakt. abt. 2, 57: 319-327 N.15,1922 no.14/17

Compt. Rend. Acad. Sci. Paris
Bridel, Marc and Charaux, G.
La centrauréidine, produit de dédoublement de la centauréine, glucoside des racines de Centraurea jacea L. Compt. Rend. Acad. Sci. Paris 175: 1168-1170 D.1922 no.23

Ecology
Rigg, G. B.
The sphagnum bogs of Mazama dome Ecology 3: 321 illus. O.1922 (Rec'd. Dec.) no.4

Shreve, Forrest
Conditions indirectly affecting vertical distribution on desert mountains. Ecology 3: 269-274 illus. O.1922 (Rec'd. Dec.) No.4

Ernahr. Pflanz.
Arndt, Julius
Neue untersuchungen über die frage des ersatzes des kaliums in der pflanzenzelle durch rubidium sowie ueber das chlorbedürfnis von buchweizen und gerste Ernahr. Pflanz. 18: 177-180 illus. D.1,1922 no.23

Gard. Mag.
Wilson, E. H.
Travel tales of a plant collector Gard.Mag. 36: 264-268 illus. Ja.1923 (D.1922) no.5
I. Western Australia

Gard. Chron.
Balfour, F. R. S.
Henry J. Elwes Gard. Chron.III, 72: 319-320 port. D.2,1922 no.1875

Divers, W. H.
Glassiness in apples Gard. Chron.III, 72: 327 D.2,1922
Note by editors stating that it is purely physiological, caused by water penetrating the intercellulary spaces instead of air.

Gard. Chron.
Correvon, Henry
Rosa roulettii Gard. Chron. III, 72: 342 D.9,1922 no.1876

Sir Isaac Bayley-Balfour Gard. Chron.III, 72: 346 D.9,1922 no.1876
Death occurred N.30.

Ward, F. K.
Mr. Kingdon Ward's seventh expedition in Asia III. To Lichiang Gard. Chron. III, 72: 325 illus. D.2,1922 no.1875

Hints Potato Grow. N.J. Potato Grow. Assoc.
Martin, W. H.
Potato fertilizers bear relation to scab. Source of nitrogen may influence amount of scab Hints Potato Grow. N. J. Potato Assoc. v.3,no.7. N.1922

Indische Mercuur
Fickendey, Ernst
Die oelpalme an der Ostküste vom Sumatra. Indische Mercuur 45: 843-844 D.8,1922 no.49

Joint Bull. Vermont Bot. & Bird Club
Eggleston, W. W.
C. C. Frost's trip to Willoughby Mountain Joint Bull. Vermont Bot. & Bird Club 8: 16-20 O.1922

Eggleston, W. W.
Notes on early botanical exploration of Willoughby Lake. Joint Bull. Vermont Bot. & Brid Club 8: 23-25 O.1922
Biographical note on Dr. Alphonso Wood: p. 23.
Thompson's Willoughby Lake guide Joint Bull. Vermont Bot. & Bird Club 8: 21-22 O.1922

Journ. Arnold Arb.
Sargent, C. S.
The first fifty of the Arnold Arboretum Journ. Arnold Arb. 3: 127-171 Ja.1922 (Rec'd. Dec.) no.3

Journ. Bot.
Britten, James
Vicia dennesiana H. C. Watson Journ. Bot. 60: 364 D.1922 no.720

Fawcett, Wm. & Rendle, A. B.
Notes on Jamaica plants (cont.) Journ. Bot. 60: 361-363 D.1922 no.720
Swartz: Icones et descriptiones ineditae
Ternstroemia calycina n. sp.

Lyle, Lilian
Antithamnionella, a new genus of Algae Journ. Bot. 60: 346-350 illus. D.1922 no.720

Moore, S. L.
The genus Ptyssiglottis Journ. Bot. 60: 355-358 D.1922 no.720

Salmon, C.E.
Notes on Statice XIV Statice anfracta n.sp. Journa Bot. 60: 345-346 pl. 565 D.1922 no.720

Sprague, T. A.
Floral variation in Veronica persica Journ. Bot. 60: 351-355 illus. D.1922 no.720

Journ. Hered.
Galloway, B. T.
Improved method of propagating the litchi
Journ. Hered. 13: 201-206 illus. My.1922
(Dec.12) no.5

Popenoe, Wilson
Dr. Fenzi's contributions to American horticulture. The work of a pioneer plantsman in California. Journ. Hered. 13: 215-220 illus. (incl. port.) My.1922 (Dec.12) no.5
Awarded the third Meyer memorial medal

Wester, P. J.
Adlay -- a new grain plant from the orient.
Journ. Hered. 13: 221-227 illus. My.1922
(D.12) no.5

Journ. N. Y. Bot. Gard.
Small, J. K.
The blue-stem -- Sabal minor Journ. New York Bot. Gard. 23: 161-168 pl.280 N.1922
(Dec.) no.275
Biographical foot notes by J. H. Barnhart

Standley, P. C.
Botanical exploration in Central America
Journ. New York Bot. Gard. 23: 168-175 N.1922
(Dec.) no.275

Just. Liebigs. Ann. Chem.
Freudenberg, Karl & Vollbrecht, Erich
Der gerbstoff der einheimischen eichen Just. Liebigs Ann. Chem. 429: 284-317 N.1922 no.3
[Literatur]: p. 285-286 (foot note)
12. Mitt. ü. gerbstoffe und ähnliche verbindungen.

Month. Bull. Agr. Intell. & Pl. Dis.
Eriksson, Jakob
The mycoplasm theory, Its scientific importance and practical significance Month. Bull. Agr. Intell. & Plant Dis. 13: 269-280 4 pl. on 2
Mr.1922 (Rec'd. Dec.)

Nature

The present position of Darwinsim Nature
110: 751-753 D.2,1922 no.2770
Joint discussion held by Zoological and Botanical sections of British Assoc.

New Zeal. Journ. Agr.
Cunningham, G. H.
The significance of apothecia in the control of brown-rot of stone-fruits New Zeal. Journ. Agr.
25: 225-230 illus. O.1922 (Rec'd. Dec.) no.4
Literature cited: p. 230

Waters, R.
Fireblight (concl.) New Zeal. Journ. Agr. 25:
209-214 illus. O.1922 (Rec'd. Dec.) no.4
Bibliography: p. 214

Nuov. Ann. Min. Agr. Italy
Campbell, Carlo
Sul "verde-secco" del mandorlo in Puglia Nuovi Ann. Min. Agr. Italy 2: 399-406 illus. S.1922
no.3

Pharm. Journ.
Gibson, R. J. H.
The age of the herbalists Pharm. Journ. 109:
435-439 N.11,1922 no.3082
Brunfels, Tragus, Wm. Turner, Valerius Cordus, Dodonaeus, Clusius, Lobelius, Gerard, Parkinson, Caesalpino.

Pharm. Journ.
Mellor, E. M.
The countries our drugs come from V. India.
Pharm. Journ. 109: 460-462 illus. N.18,1922
no.3033

Philipp. Agr.
McWhorter, F. P.
Concerning the sugar cane root parasite,
Aeginetia indica Philipp. Agr. 11: 89-90
pl.i C.1922 no.3
Exp. Stat. Contr. 96

Philipp. Journ. Sci.
Merrill, E. D.
Notes on the flora of southeastern China
Philipp. Journ. Sci. 21: 491-512 N.1922
no.5.

Phytopath.
Higgins, B. B.
The bacterial spot of pepper Phytopath. 12:
501-516 illus., pl. xxxi-xxxii N.1922 (Dec.)
Literature cited: p. 516 no.11
Disease caused by species of Bacterium, very
similar to B. vesicatorium Doidge & B. exitiosum
Gardner & Kendrick, identity still uncertain

Long, W. H.
Mistletoe and smelter smoke Phytopath. 12:
535-536 N.1922 (Dec.) no.11

Snow, L. M.
A new host for the fire blight organism, Bacillus amylovorus. Phytopath. 12: 517-524 N.1922
(Dec.) no. 11
Literature cited: p. 523-524
Prunus triloba var. plena

Truesdell, H. W.
Plant pathology in Crimea Phytopath. 12:
533-535 N.1922 (Dec.) no.11

Wingard, S. A.
Yeast-spot of lima beans Phytopath. 12:
525-532 illus. N.1922 (Dec.) no.11
Nematospora phaseoli n. sp.
Paper 59 Dept. Plant Path. Virginia Agr. Exp.
Stat.

Potato Mag.
Olson, G. A.
Agricultural gypsum for control of potato
scab Potato Mag. v.5, no.3, p. 7, 23, illus.
D.1922

Proc. Linn. Soc. N.S.W.
Blakely, W. F.
The Loranthaceae of Australia pt. I-
Proc. Linn. Soc.N.S.W. 47(2): 1-25 Je.1922

Rev. Bot. Appl.
Chevalier, Auguste
Les myrica's asiatiques à fruits comestibles
Rev. Bot. Appl. 2: 633-636 N.1922 no.15

Chevalier, Auguste
L'origine du maïs d'après G.-N. Collins Rev.
Appl. Bot. 2: 652-658 N.1922
G. N. Collins: Origin of maize Amer. Anthropol.
2 3: 503-506 1921

Rev. Bot.

Couderc, Georges
La création d'agrumes résistant au froid Rev. Bot. Appl. 2: 617-627 N.1922 no.15

Wildeman, E. de
Les maladies de l'arachide Rev. Bot. Appl. 2: 631-633 N.1922 no.15

Rev. Hort.

Mottet, Seraphim
Les iris a fleurs d'orchidée Rev. Hort. 94: 236-237 col. pl. N.16,1922 no.11

Rev. Patol. Veg.

Manaresi, Angelo
La "Sphaerotheca mors-uvae" (Schw.) Berk. nell' Emilia Riv. Patol. Veg. II, 12: 83-84 O.1922 no.7/8

Nangeroni, G. L.
Un oidio delle cinerarie Riv. Patol. Veg. II, 12: 85-86 O.1922

Nannizzi, Arturo
Sulla forma ascoferá dell'Oidium quercinum Thüm. Riv. Patol. Veg. II, 12: 87-90. O.1922 no.7/8
O. gemmiparum (Ferraris) Peyr. (Microsphaera quercina (Schw.) Burr.

Trotter, Alessandro
Intorno al seccume degli aghi ed agli altri fenomeni patologici del Pino domestico (Pinus pinea L.) Riv. Patol. Veg. II, 12: 91-106 illus. O.1922 no.7/8

Science

Rigg, G. B.
Effects of copper wire on trees. Science 56: 687 D.15,1922 no.1459
Practically no injury

Teysmannia

Brandes, E. W.
Onderzoek op grooten afstand betreffende de verwelkingsziekte der bananen Teysmannia 33: 294-297 1922 no.7/8
Naschrift van E. A. Gäumann: p. 297-300

Gäumann, E. A.
Enkele opmerkingen omtrent de lampongsche peperziekte Teysmannia 33: 289-293 pl. 1922 no.7/8

Trop. Agr.

Petch, Thomas
Some diseases of tea. Trop. Agr. 59: 243-249 O.1922
Lecture before Dimbula Planters' Assoc. Ag.28, 1922

Exper. Stat. Publ.

Karper, R. E.
Varieties of cotton in northwest Texas Texas Agr. Exp. Stat. Bull. 289 26 p. illus. Ag.1922

NEW BOOKS

Bahr, Fritz
Commercial floriculture. N.Y., A.T. De la Mare Co., c. 1922.

Bonnier, Gaston
Flore complète illustrée en couleurs de France, Suisse et Belgique v.6, fasc. 55, pl. 325-330 Centaurea (suite) 1922

Lundegärdh, Henrik
Zelle und cytoplasma Berlin, Gebrüder Borntraeger, 1922 (Handbuch der pflanzenanatomie ... 1. abt. Allgemeiner teil, 1. teil, Cytologie bd. 1)

Nitzschke, Hans
Die halophyten im marschgebiete der Jade. In Karsten, G. Vegetationsbilder 14, r., 4. h. pl. 19-24 1922

Das pflanzenreich heft ä 80-81 1922
Kränzlin, F. Orchidaceae...Odontoglosseae pars II. 1922
Pax, F. & Hoffmann, K. Euphorbiaceae... Phyllantheae 1922

Piccioli, Lodovico
Monografia del castagno 2 a edizione Firenze 1922

Smith, H. A.
Official yearbook of New South Wales, 1921. 1922.
Flora by J. H. Maiden: p. 92-104.

Tischler, G. F. L.
Allgemeine pflanzenkaryologie Berlin, Gebrüder Borntraeger, 1921-22 (Handbuch der pflanzenanatomie 1. abt., Allgemeine teil, 1. teil, Cytologie bd. II)

Translations Available in the Bur. of Plant Industry

Holmgaard, I.
Undersögelser vedrörende saasaeds sortsaegthed og frihed for brand og stribesyge 1917-20 (Investigations on the purity of strain and freedom from bunt and stripe disease seed) Tidsskr. Planteavl. 27: 553-597 1921

Hori, Shotaro
Foot-rot (take-all) disease of barley, wheat and rye. Techn. Rep. Imp. Agr. Exp. Stat. Nishigohara, Tokio Nov, 1901, p. 35-65 4 pl.
Transl. from Japanese by T. Shimizu

Verhoeven, W.N.L.
Strepenziekte van de gerst (Stripe disease of barley) Versl. en Meded. Plant. Ziekt. Kund. Dienst no. 23, 18 p. 1921.

Opinions of Germisan Translated extracts from various publications.